

Louisiana State University Shreveport



This catalog represents a flexible program of the current educational plans, offerings, and requirements which may be altered from time to time to carry out the purposes and objectives of the University. The provisions of this catalog do not constitute an offer for a contract which may be accepted by students through registration and enrollment in the University. The University reserves the right to change any provision, offering or requirements at any time within the student's period of study at the University. The University further reserves the right to require a student to withdraw from the University for cause at any time.

EQUAL ACCESS

Louisiana State University in Shreveport assures equal opportunity for all qualified persons without regard to race, color, religion, gender, national origin, age, sexual orientation, disability, marital status, or veterans' status in the admission to, participation in, or employment in its programs and activities.

STUDENT RESPONSIBILITY

The student is personally responsible for completing all requirements established by the University, college and department for the degree chosen. The student assumes responsibility for being apprised of all such requirements, for scheduling classes that are not in conflict with part-time or full-time employment, and for being familiar with all regulations within this General Catalog.

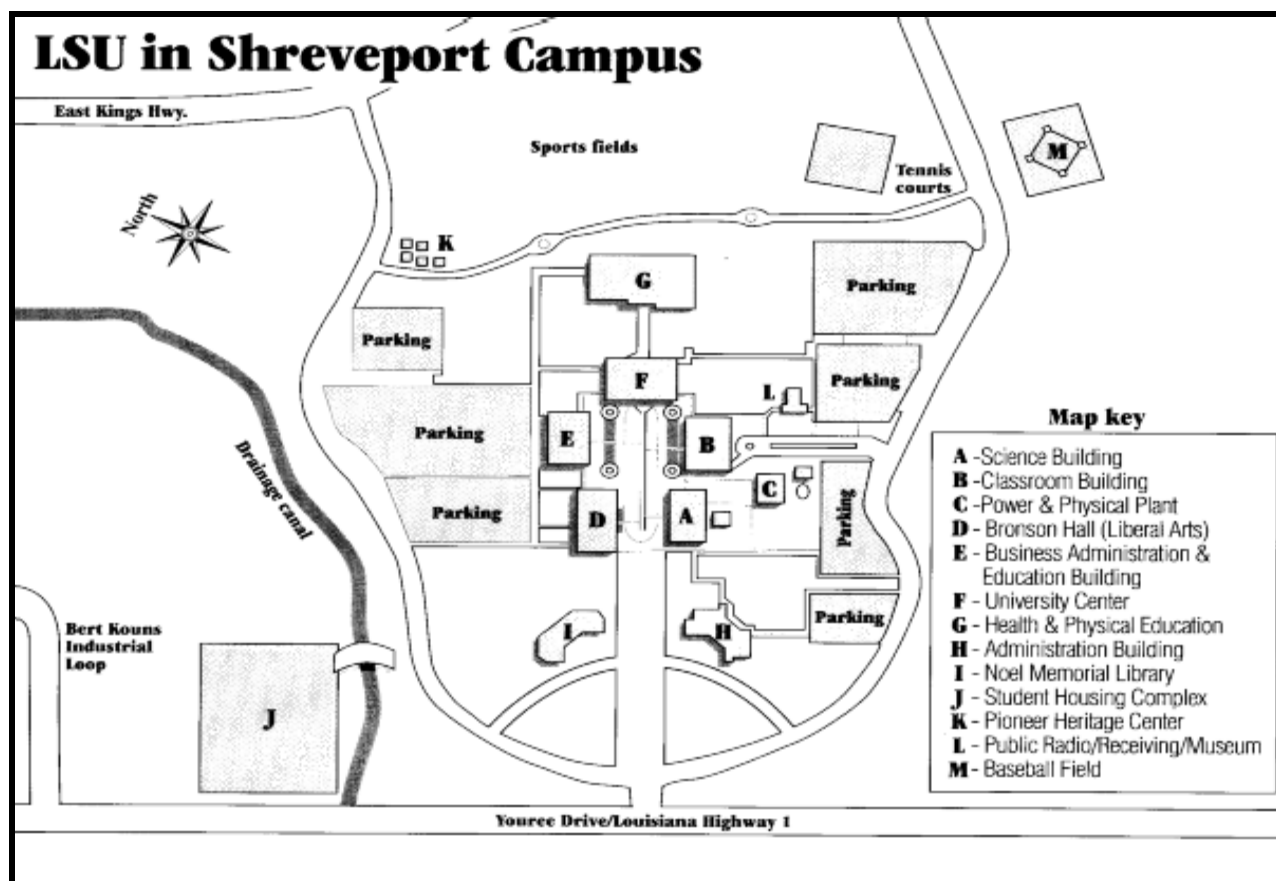
INTELLECTUAL PROPERTY POLICIES

In compliance with the Bylaws and Regulations of the LSU Board of Supervisors (Chapter VII: INTELLECTUAL PROPERTY, pp.35-42), Permanent Memorandum 64: Intellectual Property – Distribution of Royalties and Other Matters and Policy Statement 68: University Intellectual Property Rights in Sponsored Projects clearly establish the university's policies regarding intellectual property. Copies of these documents may be obtained through the Office of Academic Affairs.

OFTEN USED PHONE NUMBERS

[HTTP://WWW.LSUS.EDU/DIRECTORY](http://www.lsus.edu/directory)

Accounting Services	797-5392
Admissions and Records Office	797-5061
Bookstore	797-5212
Campus Police	797-5082
College of Arts and Sciences	797-5371
College of Business, Education and Human Services	797-5383
Division of Continuing Education and Public Service	797-5311
Emergency Number	797-5161
Noel Memorial Library	797-5069
Office of Academic Affairs	797-5167
Office of Business Affairs	797-5278
Office of Student Affairs	797-5116
Records (general information)	797-5204
Student Financial Aid	797-5363



A MESSAGE FROM THE CHANCELLOR

The students, faculty and staff welcome you to Louisiana State University Shreveport. Our faculty are committed to excellence in teaching, research and service to our students and the community we serve. As a student you will experience a learning environment which will allow you to develop and prepare intellectually and personally.

As the regional comprehensive university serving the Shreveport-Bossier Metropolitan Area and the Ark-La-Tex, LSUS offers a broad range of undergraduate and graduate degree programs designed to prepare you for the 21st Century.

We are proud to be a member of the Louisiana State University System. LSUS offers a unique experience providing you with small classroom settings that allow you to experience personal attention from our dedicated faculty.

LSUS utilizes the most advanced instructional technologies in providing students free e-mail and access to over 26 computer labs including a campus-wide lab with flexible hours to meet the needs of our diverse student population.

We look forward to working with you as you join our community of scholars and dedicated staff. I promise you a rich academic environment and a rewarding educational experience.

My best wishes to you and may you have a bright future!



Dr. Vincent J. Marsala
Chancellor

Louisiana State University Shreveport

General Catalog 2010-2011



May, 2010

*For class schedules and admission forms visit our website:
www.LSUS.edu*

**ADMISSIONS AND RECORDS OFFICE
LOUISIANA STATE UNIVERSITY IN SHREVEPORT
ONE UNIVERSITY PLACE
SHREVEPORT, LA 71115
318/797-5061**

2011

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SPRING 2011

JANUARY

- 12 Semester begins
- 17 Martin Luther King Holiday
- 18 Classes begin
- 24 Last day to add courses for credit or to change from audit to credit

FEBRUARY

- 4 Last day to drop courses or to resign without receiving grades of W

MARCH

- 2 Last day to change from credit to audit
- 7-8 Mardi Gras Holiday (no Saturday class on March 5)

APRIL

- 1 Last day to drop classes or to resign
- 11 Last day for final submission of thesis
- 15 Last day for degree checkout with dean to receive diploma in August
- 18-23 Spring Break

MAY

- 7 Classes end
- 9-14 Final Examinations
- 16 Grades due
- 22 Commencement (semester ends)

SUMMER 2011

MAY

- 31 Semester begins

JUNE

- 3 Classes begin for Sessions 1 and 1A
- 30 Classes end for Session 1A

JULY

- 1 Final Exams for Session 1A
Individual study day for Session 1
- 4 Independence Day Holiday
- 5 Classes begin for Session 1B
- 18 Last day for final submission of thesis

AUGUST

- 1 Classes end for Sessions 1 and 1B
- 2-3 Final exams for Sessions 1 and 1B
- 5 Semester ends and grades due
- 5 Last day for degree checkout with dean for December graduation

SUMMER 2010**MAY**

26 Semester begins

JUNE

- 1 Classes begin for Sessions 1 and 1A
 28 Classes end for Session 1A
 29 Final exams for Session 1A
 Individual study day for Session 1
 30 Classes begin for Session 1B

JULY

- 5 Independence Day Holiday
 19 Last day for final submission of thesis
 28 Classes end for Sessions 1 and 1B
 29-30 Final exams for Sessions 1 and 1B

AUGUST

- 2 Semester ends and grades due
 2 Last day for degree checkout with dean for December graduation

FALL 2010**AUGUST**

- 18 Semester begins
 23 Classes begin
 27 Last day to add courses for credit or to change from audit to credit

SEPTEMBER

- 6 Labor Day Holiday (Saturday classes meet Sept. 4)
 10 Last day to drop courses or to resign without receiving grades of W

OCTOBER

- 4 Last day to change from credit to audit
 14-15 Fall break (Saturday classes meet Oct. 16)
 29 Last day to drop courses or to resign

NOVEMBER

- 8 Last day for final submission of thesis
 25-27 Thanksgiving Holidays (Saturday classes do not meet)

DECEMBER

- 4 Classes end
 6-11 Final examinations
 13 Grades Due
 13 Last day for degree checkout with dean for May graduation
 18 Commencement (semester ends)

2010

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WWW.LSUSYSTEM.LSU.EDU

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ADMINISTRATION

ADMINISTRATIVE OFFICERS OF LSU IN SHREVEPORT

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Vacant, Associate Vice Chancellor for Academic Services

Vacant, Associate Vice Chancellor for Sponsored Research

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Dalton R. Gossett, Ph.D., Associate Dean, College of Arts and Sciences

David Gustavson Ed.D., Dean, College of Business, Education and Human Development

Douglas S. Bible, Ph.D., Associate Dean, College of Business, Education and Human Development

Alan D. Gabehart, Ed.D., Dean, Noel Memorial Library

Tisha L. Samhan, M.S., Director, Continuing Education and Public Service

Marcia Hunter, M.S., Director, Academic Services

Michael T. Ferrell, B.S., Vice Chancellor for Business Affairs

Adnan M. Samhan, B.S., Director of Accounting Services

Doug Robinson, M.A., Director of Athletics

Brenda Bartlebaugh, B.S., Director of Auxiliary Enterprises

Rebecca Chiles, B.A., Director Campus Police

Shelby C. Keith, M.S., Chief Information Officer

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Mickey P. Diez, M.B.A., Dean of Enrollment Services & Registrar

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Sharon Manson, M.A., Director of Student Housing

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Glenda B. Erwin, M.L.A., Vice Chancellor for University Development

Susannah O. Stinson, J.D. Associate Vice Chancellor for University Development

Dianne B. Howell, B.A., Director of University Alumni Services

Viki P. Fentress, B.A. Director of Annual Support and Advancement Services

Kermit Poling, B.M., General Manager, Red River Radio Network

Jennifer LaPierre, B.A., Director of Media and Public Relations

GENERAL INFORMATION

Louisiana State University Shreveport

❖LSUS❖

History

Louisiana State University Shreveport originated with Act 41 of the 1964 Louisiana Legislature, which authorized the establishment of a two-year commuter college in Shreveport. On February 6, 1965, the LSU Board of Supervisors formally established Louisiana State University Shreveport as a division of the Louisiana State University and Agricultural and Mechanical College System. The campus is a 258-acre tract located on Highway 1 in south Shreveport.

LSUS began its first session on September 21, 1967, offering basic freshman courses and extending the advantages of a great university system to the residents of northwest Louisiana. Sophomore courses were added in 1968.

Following approval by the Coordinating Council for Higher Education, Act 66 of the Louisiana Legislature authorized baccalaureate degree-granting status. Subsequent approval by the LSU Board of Supervisors resulted in the decision to add junior-level courses in 1973 and senior-level courses in 1974. The first class was graduated in 1975. The University was first accredited by the Commission on Colleges of the Southern Association of Colleges and Schools in December 1975. Many baccalaureate degrees have since become available in the Colleges of Business Administration, Education and Human Development, Liberal Arts, and Sciences. The Master of Education degree program began in 1978, the Master of Business Administration degree program in 1979, the Specialist in School Psychology degree program in 1982, the Master of Arts in Liberal Arts degree program in 1983, the Master of Science in Systems Technology degree program in 1988, the Master of Science in Human Services Administration in 1999, the Master of Science in Counseling Psychology in 2001, and the Master of Health Administration in 2003. Continuing education programs are offered, as are seminars and workshops in specialized fields.

Mission

The mission of LSUS is to:

- Provide a stimulating and supportive learning environment in which students, faculty, and staff participate freely in the creation, acquisition, and dissemination of knowledge;

- Encourage an atmosphere of intellectual excitement;
- Foster the academic and personal growth of students;
- Produce graduates who possess the intellectual resources and professional and personal skills that will enable them to be effective and productive members of an ever-changing global community; and
- Enhance the cultural, technological, social, and economic development of the region through outstanding teaching, research, and public service.

Teaching

At all levels of instruction, LSUS maintains high academic standards and emphasizes personal interaction between students and qualified, experienced faculty. A comprehensive library, including the unique Noel collection, supports learning in three kinds of programs:

- Undergraduate programs provide a solid foundation in business, education, the liberal arts, and the sciences.
- Graduate programs address the community's need for technically skilled professionals and the individual's desire for advanced liberal education.
- Continuing-education and public-service programs allow life-long learning and professional development for the region's diverse population.

Research

The University provides opportunities for undergraduate and graduate students, as well as faculty, to conduct research that often helps the community while advancing knowledge in a particular field. The University will continue to enhance research opportunities by promoting cooperative ventures with other educational institutions in the region, especially the Louisiana State University Health Sciences Center-Shreveport and the Biomedical Research Institute.

Public Service

In fulfilling its commitment to public service, the University helps the metropolitan area and surrounding communities by providing:

- Assistance to local businesses, governments, and schools in developing leadership and solving technical problems, assistance is available in four forms:
 - consultation with individual faculty members
 - mentorship programs, such as the one established between the Department of English and local high schools

- seminars and workshops, such as those offered by the Small Business Development Center, and other professional development programs
- collaboration with public schools such as the one established between LSUS and Midway Professional Development School (PDS).
- Expanded educational opportunities by means of cooperative degree programs with other colleges and universities
- Greater awareness of history and current issues by means of public forums, such as those offered by the American Studies Program
- Cultural and intellectual enrichment through several educational facilities serving the public and the university alike such as:
 - Noel Memorial Library, whose Noel Collection promises to become a nationally prominent resource for scholars
 - KDAQ, a public radio station, which has one of America's largest coverage areas
 - Museum of Life Sciences, which encourages interest in environmental issues
 - Red River Education and Research Park, which encourages a wide range of activities at the C. Bickham Dickson Park
 - Pioneer Heritage Center, which focuses on the cultural history of the region
- Opportunities to satisfy vocational and ad-vocational needs in a broad spectrum of non-credit courses, off campus as well as on campus, through the Division of Continuing Education and Public Service

The Office of Admissions and Records is an authorized Louisiana voter registration agency. Louisiana residents needing to register to vote or make changes to their voter registration including notification of change of address or name, may do so in the Registrar's Office located on the first floor of the Administration Building.

Responsibility

As a senior university, LSUS recognizes its responsibility to meet the needs of students from diverse backgrounds in a changing metropolitan area. In carrying out this responsibility, the University ensures that each graduate:

- Explores a portion of human knowledge under the leadership of highly qualified and experienced faculty
- Learns to think creatively and critically to solve problems in human and scientific contexts

- Refines skills in oral and written communication to enhance professional growth and interpersonal relationships
- Examines contemporary issues of professional ethics in each program
- Conducts independent projects and communicates the results to others
- Uses current technology in pursuing knowledge and developing professional skills
- Demonstrates competence in a chosen field through examinations, applied research, field experience, and/or community service

Pursuing these goals, LSUS will continue to seek distinction as the key public comprehensive university in our region.

Mission: Student Affairs

The Student Affairs Division helps students establish personal autonomy, form satisfactory personal relationships, and set goals for their years at the University and after. The Division offers services to support students from the time they enter the University until the time they leave:

- counseling on admissions and processing of applications for admission and financial aid
- personal counseling
- social activities
- career counseling and job location assistance
- records maintenance and transcript service

The University periodically evaluates these services to make sure students and graduates are getting the help they need.

Mission: Business Affairs

The Business Affairs Division ensures that the University uses the financial and physical resources entrusted to it with effectiveness, efficiency, and complete accountability. The Division carries out its mission in two ways:

- by using sound fiscal management practices in conducting University business
- by maintaining a physical environment that is pleasing to the eye, safe for everyone, free of barriers, and conducive to learning

Thus, the Division plays an important role in supporting the academic mission of the University.

THE LSU SYSTEM

WWW.LSUSYSTEM.LSU.EDU

The Louisiana State University System is a multi-campus, multipurpose system of higher education, accredited by the Southern Association of Colleges and Schools,

encompassing all Louisiana, and exerting a major influence on the economic, social, and cultural life of its citizens.

Law and tradition have assigned the University System a three-fold purpose: developing to the highest level the intellectual and professional capacities of its citizens through resident instruction; enriching instruction and establishing new frontiers of knowledge through research and scholarship; and providing all Louisianans with information useful in advancing the state's economy and culture through extension services.

The LSU System is composed of nine major administrative units, each headed by a chancellor, located throughout the state. Four of these—LSU A&M, the University of New Orleans, LSU at Alexandria, and LSUS—provide undergraduate and graduate instruction. A two-year campus is located in Eunice. The LSU Law Center, located on the LSU A&M campus, is a separate

division of the LSU System. The LSU Agricultural Center, with headquarters on LSU A & M campus, administers a system of agricultural experiment stations and the Cooperative Extension Service throughout Louisiana. The two LSU Health Sciences Centers, in New Orleans and in Shreveport, train physicians and scientists in health care disciplines. The Pennington Biomedical Research Center promotes healthier lives through research and education in nutrition and preventive medicine.

PRESIDENT OF THE UNIVERSITY SYSTEM

Dr. John V. Lombardi is the principal executive officer of the System - housed on the LSU A&M campus - and is responsible for the execution of the administrative and educational policies of the Board of Supervisors.

THE LSU IN SHREVEPORT FOUNDATION, INC.

WWW.LSUS.EDU/FOUNDATION

The LSU in Shreveport Foundation was established in 1983 as the University Associates. Its name was changed in 1990 to better identify the organization as the official foundation for the university. The Foundation is a nonprofit and tax-exempt organization, and all contributions are deductible to the full extent of the law.

The Foundation fosters private financial support for the university, manages investments and serves as trustee for

funds and other assets contributed. Resources raised through the Foundation provide scholarships, support research and faculty development, and afford discretionary funds to fuel continued growth and success for LSUS. The Foundation is governed by a board of directors. Additional information about the Foundation may be obtained from the Office of University Development, located on the second floor of the Administration Building, 318.797.5257.

LSU IN SHREVEPORT ALUMNI ASSOCIATION

WWW.LSUSALUMNI.ORG

The LSUS Alumni Association is a nonprofit organization which directs the activities among the University, its alumni and the community. It is supported by the LSUS Office of Alumni Services which maintains the alumni master database and coordinates the work of the Alumni Association Board of Directors.

The Alumni Association co-sponsors the Annual Campaign with the LSUS Foundation. The Association also provides funds for scholarships, helps promote enrollment, supports the continuation and expansion of programs at LSUS, and encourages community

involvement through financial contributions and cooperative events with community and civic organizations. Its activities and traditions help increase community awareness of the University's programs, special events and specific needs in order to maintain and enhance its current reputation as Louisiana's only public university in Shreveport and the Ark-La-Tex.

Additional information about Alumni Services may be obtained from the office of Alumni Services, located on the second floor of the Administration Building, 318.797.5190.

THE LSUS CAMPUS

The campus, located at One University Place on 258 acres of land between East Kings Highway and Louisiana Highway 1, is being developed in accordance with a master plan. The Science Building, the Library and the Facility Services Complex were completed in 1967, followed by Bronson Hall in 1973, the University Center in 1979, the Business Administration-Education Building in 1980, the Health and Physical Education Building in 1982, the Administration Building in 1986, and the University Court Apartments in 1993. Noel Memorial Library opened in 1994.

UNIVERSITY FACILITIES

Administration Building houses the administrative offices of the Chancellor, Business Affairs, Academic Affairs, Admissions and Records, Information Technology Services, Student Affairs, Development and Financial Aid. It is a two-story structure located on the southwest side of the campus.

William H. Bronson Hall is a four-story building containing classrooms; faculty offices; administrative offices for the College of Arts and Sciences, and various departments; seminar rooms; language laboratories and other special-use rooms.

Business Administration - Education Building houses classrooms for the College of Business, Education and Human Development as well as faculty and administrative offices. This three-story facility also houses a curriculum resource center, a faculty research reference area, and laboratories for the Departments of Accounting and Psychology, an Educational Technology laboratory, and university computer classes.

Health and Physical Education Building, housing the Department of Kinesiology and Health Science, is a two-story facility that contains an indoor swimming pool; five handball/racquetball courts; basketball, tennis, volleyball, and badminton courts, an exercise science laboratory; a dance studio, a weight training room, one Wallyball court, mat room, USA Weightlifting Development and High Performance Center; classrooms; computer lab, and faculty offices. This facility also houses the Athletic Department and the model classroom.

Technology Center provides space for Continuing Education and Public Service, the Pioneer Heritage Center, Campus Bookstore, Department of Computer

Science, and the Office of Sponsored Research. In addition, the Campus Mailroom, including shipping and receiving, is located on the first floor of the Technology Center.

Facility Services Complex includes administrative offices that house facility maintenance and custodial functions, a workshop, maintenance yard and a central heating/cooling plant that serves all major campus buildings.

Public Radio Network Facilities include broadcast studios and administrative offices for the regional Red River Radio Public Radio network which includes: KDAQ, KLSA, KBSA, and KLDN.

Science Building, a three-story facility, contains laboratories for chemistry, physics, and biological sciences; classrooms; and faculty and administrative offices for Sciences. A 300-seat lecture auditorium is adjacent to this building. The Science Building received a complete renovation in 1998.

University Center houses dining facilities, a lounge, exhibit rooms, conference facilities, a large auditorium, student activity rooms, student government offices, and the Campus-wide Computer Lab.

Other parts of the campus are described below as University Services.

Noel Memorial Library houses the university collection and the James Smith Noel Collection.

UNIVERSITY SERVICES

Intercollegiate Athletics

The Division of Business Affairs oversees Intercollegiate Athletics. The Office of Intercollegiate Athletics coordinates the LSUS varsity athletics programs. The LSUS Pilots compete in basketball, baseball, and soccer while the Lady Pilots field a team in basketball, soccer and tennis. LSUS is a member of the Gulf Coast Athletics Conference, which is affiliated with the National Association of Intercollegiate Athletics (NAIA). The Pilots baseball program gained national recognition in 2003 when they made their first appearance in the NAIA World Series. The baseball team experienced another milestone this past season by winning their first

conference championship. The men's and women's basketball programs experienced successful rebirths in the 2003/04 season and have played in front of packed houses each night at the "Dock" (LSUS Health and PE Building). The men's basketball team has won back-to-back conference championships and garnered a #1 national ranking in 2005/06. The Pilots led the country in scoring offense (100.5ppg) during the 2005/06 season. The most prestigious award received by the men's basketball team came during the 2005/06 season as well. LSUS men's basketball program was selected by the NAIA to receive the "Champions of Character" award. The Lady Pilots soccer team began playing in 2005 and has experienced

tremendous success. In only their second year of competition, LSUS Lady Pilot's soccer team won a conference championship. The athletic programs have been extremely successful over the past 3 years and have brought great recognition to LSUS. Most recently LSUS sports have garnered the following accomplishments:

- ❖ 2007 Soccer: Gulf Coast Athletic Conference runner-up and Region XIII Semi Finalist.
- ❖ 2007 Men's Basketball: GCAC Tournament Champs. NAIA National Tournament Record 25 & 7.
- ❖ 2007 Baseball: GCAC Tournament Champs Region XIII runner-up. Record 40&15.
- ❖ 2007 Women's Basketball: Record 13 &15 over all and 9 & 9in the GCAC.

Noel Memorial Library

Noel Memorial Library is crucial to the intellectual and cultural growth of the university community. It collects materials adequate to support the University's curricula, organizes these materials, and makes them readily available. The Library currently has over 250,000 books and provides access to more than 24,000 journals. The reference section contains numerous books, indexes, and atlases, and provides electronic access to library catalogs and databases. The Library is also a select depository for United States Government Documents and receives all Louisiana State documents. The Archives and Special Collections preserve, organize, and make available primary materials relating to or originating in northwest Louisiana. The 200,000-volume James Smith Noel Collection of rare books is on permanent loan to the University.

Museums and Galleries

The Museum of Life Sciences operates from a new, modern building located between the original library building and KDAQ. It houses more than 25,000 dried or liquid-preserved scientific specimens: mammals, birds, amphibians, reptiles, fish, insects and other arthropods, and plants. The museum also has the best assemblage in the world of plants from northwestern Louisiana.

Valuable donations include 7,000 topographic maps and important collections of animals from Africa, South America, Mexico, and India. The Museum documents the diversity of flora and fauna of northwestern Louisiana and makes its holdings available to students, faculty, and visiting scientists; to other museums on loan; and to other institutions through an exchange system. The museum promotes local research and disseminates knowledge through scholarly scientific journals and other publications. The Museum's own publication, [The Bulletin of the Museum of Life Sciences](#), is distributed world-wide to scientists and institutions. Informative programs and

museum tours continue to increase in popularity and are the core of a vital public service for the Ark-La-Tex.

The Pioneer Heritage Center, founded in 1977 as a joint project of LSUS and the Junior League, is a history laboratory offering a glimpse of how people in northwest Louisiana lived during the pioneer years from the 1830's to the early 20th century.

Located on the northeast side of the campus, the Pioneer Heritage Center consists of the Caspiana House, a raised cottage built in 1856 on the Hutchinson's Caspiana Plantation 15 miles south of the campus; the 1850 Thrasher House, a log double-pen "dog trot," moved 35 miles from near Castor, Louisiana; a detached kitchen; a typical late 19th-century board- and-batten shotgun house from the Webb Plantation; the 1903 doctor's office from the Caspiana Plantation; the Webb Commissary (circa 1900) from the Webb Plantation; a log single-pen blacksmith shop (circa 1870) from the Jack W. Grigsby farm in DeSoto Parish, and in 2003 the Riverfront Mission of First Baptist Church was donated to LSUS. Both Caspiana House and Thrasher House are listed in the National Register of Historic Places.

Trained volunteers offer tours and lectures that use these structures and related artifacts to demonstrate the region's early folk architecture and social history. The authenticity of everything in the Center is ensured by many primary sources: original letters, diaries, ledgers, plantation records, successions, interviews, photographs, and other archival materials from the period. Public events and educational programs are scheduled throughout the year. Tours are by appointment only. For more information call 318.797.5339.

The University Center Art Gallery, governed by a committee composed of Student Activities Board members and Fine Arts faculty, introduces the student body and community to various styles of art. Besides annually exhibiting the works of students and faculty, the Gallery often displays works by artists from elsewhere in the region and from across the nation. Gallery hours are usually 8 A.M. to 4 P.M., Monday through Friday, but may vary with the University schedule.

On Campus Housing

University Court Apartments, located on the northwest side of the campus, are a complex of 15 two-story buildings containing 140 apartments. The apartments can accommodate over 450 students in four-bedroom, two-bedroom, and efficiency units. The former features large living areas, private bedrooms, and full kitchens. Included in the complex are an outdoor pool, a Jacuzzi, sand volleyball and basketball courts, and a clubhouse. An

eight-foot fence surrounds the area and provides electronic access.

Public Radio

The University operates the Red River Radio Network, four stations affiliated with National Public Radio, American Public Media and Public Radio International and licensed to the LSU Board of Supervisors. KDAQ (89.9 FM) is the flagship station serving residents of the Ark-La-Tex. KSLA (90.7 FM) serves the central Louisiana region, KBSA (90.9 FM) serves South Arkansas and KLDN (88.9 FM) serves deep East Texas. Red River Radio also has a translator in Grambling, Louisiana (90.7 FM). Red River Radio is the first broadcaster in the region to provide HD Digital Radio. Operating out of studios on the campus of LSUS. The stations broadcast 24 hours a day and reach a population of nearly 2.5 million people. Programming includes news and information, classical music, jazz and blues as well as eclectic and original programs. A cultural service of LSUS, the network is supported by underwriters, corporations, foundations, the Corporation for Public Broadcasting, and listener contributions.

University Computing Services

Comprehensive technology services are provided for students, faculty, staff, and administrators. The University's Enterprise Resource Planning System (ERP) provides both online and web access for all administrative functions. LSUS is a member of the Louisiana Optical Network Initiative (LONI). Also available in laboratories and classrooms are microcomputers that provide access to the campus local network and to the Internet. The most commonly used computer languages and statistical and utility packages are available for instruction, research, or production. Short course and seminars keep the campus community informed of software and hardware developments.

University Police

The University employs a staff of full-time commissioned police officers who maintain campus security around the clock. In or out of uniform, these officers possess all authority granted to peace officers under state laws. Each commissioned officer is post-certified from a Basic Law Enforcement Training Program. When they see or learn of crimes, officers ordinarily effect the arrest and work with local authorities as the case passes through the court system.

University Police also monitor parking areas and investigate traffic accidents. Questions concerning the operation and parking of vehicles should be directed to an officer upon receiving an LSUS parking decal. Detailed traffic regulations are printed in the Student Handbook and in brochures available at registration.

University Development

The Office of University Development coordinates all fundraising activities across the campus for both unrestricted and restricted contributions made directly to the University or through the LSUS Foundation. Unrestricted contributions to the LSUS Foundation provide discretionary funds for activities that cannot be paid for with state or tuition-generated monies. Donations may also be restricted in a variety of ways, including to specific academic colleges, athletics, programs, and endowments for chairs and professorships. Fundraising activities also include contributions for annual and endowed scholarships. The Office provides staff support for the LSUS Foundation (see page 6), and the LSUS Alumni Association, and is located on the 2nd floor of the Administration Building. For more information: 318.797.5257.

The Office oversees the Red River Radio Network and the following departments:

- The Office of Media and Public Relations organizes and directs all external communications and university's message to the community, including faculty, staff, students and alumni. The Office assists news media in obtaining information and insight on current events through the wealth of resources at LSUS. Marketing/advertising and campus photography are also coordinated through the Office. The Office publishes *LSUS Magazine*, the bi-annual magazine, *Chancellor's Report*, *Guide to Speakers and Experts* on the LSUS website, news releases and the LSUS Media/PR website. For more information, log onto www.lsus.edu/pr or call: 318.797.5108.
- The Office of Alumni Services directs the activities of the University's alumni association, including membership, chapters, scholarship programs, the alumni annual fund, alumni news and special events. Students who have successfully completed at least 3 hours at LSUS are eligible for membership. The Office also maintains the alumni master database and supports the work of the Alumni Association's Board of Directors. For more information: 318.797.5190.

ACADEMIC PROGRAMS

Academic courses at LSUS are offered in departments organized into two colleges.

The College of Arts and Sciences includes:

Biological Sciences	English
Chemistry & Physics	Fine Arts, Foreign Languages & Humanities
Communications	History & Social Sciences
Computer Sciences	Mathematics

The College of Business, Education and Human Development includes:

Accounting and Business Law	Kinesiology and Health Science
Economics and Finance	Management and Marketing
Education	Military Science
James K. Elrod Department of Health Administration	Psychology

DEGREES

LSUS offers a wide variety of educational opportunities.

GRADUATE DEGREES		
<i>Program</i>	<i>Degree</i>	<i>Page</i>
Liberal Arts	Master of Arts	125
Business Administration	Master of Business Administration	130
Curriculum and Instruction in Gifted	Master of Education	133
Curriculum and Instruction in Reading	Master of Education	133
Education	Master of Education	132
Educational Leadership	Master of Education	135
Counseling Psychology	Master of Science	138
Health Administration	Master of Health Administration	136
Human Services Administration	Master of Science	128
Computer Systems Technology	Master of Science	127
Kinesiology and Wellness	Masters of Sciences in Kinesiology and Wellness	140
Public Health	Masters in Public Health	137
School Psychology	Specialist in School Psychology	140
GRADUATE PROGRAMS OFFERED COOPERATIVELY WITH OTHER UNIVERSITIES		
<i>Degree</i>	<i>Degree-Granting Institution</i>	<i>Page</i>
Master of Arts in English	LSU A&M or Louisiana Tech	142
Master of Arts in History	Louisiana Tech	142
Master of Science in Environmental Science	LSU A&M	143
Master of Science in Biochemistry & Molecular Biology; Cellular Biology & Anatomy; Microbiology & Immunology; Pharmacology & Therapeutics; Physiology & Biophysics	LSU Health Sciences Center	143

UNDERGRADUATE DEGREES		
<i>Undergraduate Program</i>	<i>Degree</i>	<i>Page</i>
Accounting	Bachelor of Science	93
Biochemical Science	Bachelor of Science	72
Biological Sciences	Bachelor of Science	73
Chemistry	Bachelor of Science	74
Communications-Speech	Bachelor of Arts	57
Community Health	Bachelor of Science	111
Computer Information Systems	Bachelor of Science	75
Computer Science	Bachelor of Science	74
Criminal Justice	Bachelor of Criminal Justice	65
<u><i>Elementary Education</i></u>		
Pre K – 3 Elementary	Bachelor of Science	102
Elementary 1-5	Bachelor of Science	103
<u><i>Elementary and Secondary Education:</i></u>		
Art	Bachelor of Arts	103
French	Bachelor of Arts	104
Health and Physical Education	Bachelor of Science	104
English	Bachelor of Arts	58
Finance	Bachelor of Science	93
Fine Arts	Bachelor of Arts	59
Foreign Language-French	Bachelor of Arts	61
Foreign Language-Spanish	Bachelor of Arts	62
General Business Administration	Bachelor of Science	94
General Studies	Bachelor of General Studies	65
Geography	Bachelor of Arts	63
History	Bachelor of Arts	62
Management and Administration	Bachelor of Science	96
Marketing	Bachelor of Science	97
Mass Communications	Bachelor of Arts	57
Mathematics	Bachelor of Science	76
Physics	Bachelor of Science	77
Political Science	Bachelor of Arts	63
Psychology	Bachelor of Science	112
<u><i>Secondary Education:</i></u>		
Biology	Bachelor of Science	106
Chemistry	Bachelor of Science	106
English	Bachelor of Arts	105
Mathematics	Bachelor of Science	105
Physics	Bachelor of Science	107
Social Studies	Bachelor of Arts	106
Sociology	Bachelor of Arts	64

PRE-PROFESSIONAL AND OTHER PREPARATORY STUDIES	
	<i>Curriculum Pg. #</i>
Pre-Rehabilitation Counseling	112
Pre-Law	56
Social Welfare (see Sociology)	64
Pre-Agriculture	84
Pre-Animal Science	84
Pre-Cardiopulmonary Science	79
Pre Clinical Laboratory Science {Previously Pre-Medical Technology}	80
Pre-Dental Studies	81
<u><i>Pre-Engineering:</i></u>	
Engineering	85
Electrical and Computer	86
Biological and Agricultural, Civil, Chemical, Mechanical & Petroleum	86
Pre-Forestry and Wildlife	84
Pre-Medical Studies	81
Pre-Nursing	81
Pre-Occupational Therapy	78
Pre-Optometry	82
Pre-Pharmacy	82
Pre-Physical Therapy	79
Pre-Physician Assistant	80
Pre-Radiologic Technology	83
Pre-Veterinary Medicine	85

Accreditation

The Commission on Colleges of the Southern Association of Colleges and Schools [(SACS), 1866 Southern Lane, Decatur, Georgia, 30033-4097; phone: (404) 679-4501] accredits LSUS to award bachelors, masters, and specialist's degrees. The Teacher Education programs at LSUS are accredited by the National Council for Accreditation of Teacher Education (NCATE), 2010 Massachusetts Avenue, NW, Suite 500, Washington, D.C. 20036; phone (202) 466-7496. This accreditation covers all teacher preparation programs and advanced educator preparation (Master of Education and Specialist in School Psychology) programs. All bachelor and master's degree programs in Business are accredited by the Association to Advance Collegiate Schools of Business (AACSB-International).

The chemistry program In the College of Arts and Sciences is accredited by the American Chemical Society and the Computer Science Program is accredited by the Computing Accreditation Commission of ABET.

Compressed Degree Plan

The Compressed Degree plan offers the student the opportunity to earn a degree within 3 years. The student must have superior ability and preparation, or must have already obtained a fundamental knowledge of subjects offered at LSUS. The student must also demonstrate competence through a series of Advanced Standing Examinations in math, English, chemistry and foreign language. By earning credits for basic courses, a student may move on to higher-level courses. For more information, visit the LSUS Admissions and Records Office located on the first floor of the Administration Building, or call 318.797.5061.

Evening Classes

LSUS provides educational opportunities to the working population of northwest Louisiana by offering late afternoon and evening classes on and off campus. Curricular guidance and advising are the responsibility of each college. Evening students must follow the same procedures for admission to the University as other students, including submission of applications, transcripts, and ACT scores. General degree requirements detailed under “*University Regulations*” apply to students attending evening classes.

SPECIALIZED OFFERINGS

American Studies Program

A sound knowledge of the history, culture, and values of the American experience is a vital part of the civic education of all students and is especially necessary in our complex times. The American Studies Program at LSUS is a spirited attempt to meet this need. It is the largest privately endowed program at LSUS and the most comprehensive American Studies Program in Louisiana, involving students, faculty, and the local community. The American Studies Program encourages innovative teaching and creative exploration of issues in the social sciences, humanities, and arts. The program sponsors forums, conferences, scholarships and fellowships, internships, and the unique Washington "Semester," a summer during which students live and work in Washington, D.C. using the city as a laboratory for the arts, humanities, and social sciences. Information may be obtained from the Director, Professor William Pederson, Bronson Hall, Room 321.

Division of Continuing Education

And Public Service (See the DIVISION OF CONTINUING EDUCATION AND PUBLIC SERVICE section beginning on page 51 or visit their web site at www.LSUS.edu/ce).

Distance Learning

Distance Learning encompasses compressed video courses through live interactive television; telecourses through Public Broadcasting Television, and on-line courses through 100% computer-based credit courses (no class meetings).

Other Off-Campus Courses for Credit

LSUS offers a variety of credit courses at various off-campus locations. This enables LSUS to help meet the ever changing needs of the non-traditional student by offering the same courses taught on the LSUS Campus at different locations off-campus, at more convenient times. See the section for the Division of Continuing Education and Public Service or visit the web site.

Non-Credit Offerings

The Office of Conferences & Institutes through the Division of Continuing Education and Public Service offers a wide variety of non-credit programs. See the section for the Division of Continuing Education and Public Service or visit the web site.

The Institute for Human Services and Public Policy

The Institute for Human Services and Public Policy is housed in Bronson Hall as part of the College of Arts and Sciences. The mission of the Institute is to conduct research and disseminate knowledge about nonprofit organizations and social research.

The academic programs of the Institute include the certificate in American Humanics, the Master of Science in Human Services Administration, and the Certificate in Nonprofit Administration. The Master of Science in Human Services Administration Program prepares graduate students for middle and upper-level nonprofit management.

The non-academic programs of the Institute include the Red River Academy for Social Entrepreneurs, The Nonprofit Connection: A Renaissance Experience for National Nonprofit CEOs, the Small Nonprofit Conference, the Red River Summit for Social Entrepreneurship, the Nonprofit Colloquium Series, and grants counseling, applied research and analysis.

In addition, the Institute continues to work on its International Nonprofit Project, an educational exchange with nonprofits in other countries, to foster growth, development, and collaboration on a global scale that is essential for adaptation to changes ahead in the millennium. Information may be obtained from the Director, by calling 318.795.4264.

American Humanics Program is a leadership and academic program for students who are interested in entering professional positions in non-profit organizations. The American Humanics Certificate Program at LSUS is designed to complement a student's major. With minimal additional coursework beyond the normal required for graduation, students can be certified and prepared for careers with voluntary youth and human services agencies. Questions regarding the LSUS American Humanics Program should be directed to Professor Helen Wise, Program Director, Bronson Hall, Rm. 119.

Louisiana Universities Marine Consortium

This consortium, formed in 1979 to coordinate marine research and education within the state university system, comprises thirteen public universities. LUMCON provides field laboratories at Port Fourchon, near Grand Isle, and at Fearman Bayou, near Intracoastal City, where intensive five-week courses during each of two summer

terms provide students with extensive field study of living organisms.

**Council For The Development of
French In Louisiana (CODOFIL)**
*French Study Programs in Belgium, France,
and Quebec*

LSUS is a member of the CODOFIL Consortium of Colleges and Universities, which promotes the study of French in Louisiana. Students who major in French or French Education may qualify for a CODOFIL scholarship to study for a summer or a year in Belgium, France, Quebec, or the Maritime Provinces. Contact Foreign Languages for more information 318.797.5198.

**Exchange Agreements Between
International Universities and LSUS**

Under an agreement between the University of Mons in Mons, Belgium, and LSUS, faculty, administrators, and students of the two institutions are eligible to participate in an exchange. For more information contact Foreign Languages 318.797.5198.

The University has established cooperative agreements with five universities in other countries: The University of Oulu in Oulu, Finland; Haaga Institute in Helsinki, Finland; Chung Yuan Christian University in Chung-Li, Taiwan; Utkal University in Bhubaneswar, India; and Berhampur University in Berhampur, India. Each agreement has three objectives:

- ♦ to enhance both institutions' academic programs and research projects
- ♦ to increase the cultural understanding of faculty and students
- ♦ to expand international understanding, encourage international business and trade, and strengthen ties between citizens of both countries.

Studies/Travel Abroad

For information regarding opportunities to study or travel abroad, contact University Alumni Association 318.797.5109.

UNDERGRADUATE ADMISSION

WWW.LSUS.EDU/ADMISSIONS ♦ EMAIL: ADMISSIONS@LSUS.EDU

OFFICE OF ADMISSIONS AND RECORDS: 318.797.5061
ROOM 168, ADMINISTRATION BUILDING
VETERAN'S AFFAIRS: 318.798.4130

LSUS encourages applications from all interested individuals and tries to assure a successful college experience for each student. In order to take full advantage of the University environment, however, the student should meet the standards for regular admission to credit work in degree programs outlined in this section.

GENERAL INFORMATION

The University operates on a two-semester plan with additional summer sessions. A qualified applicant may register at the beginning of any semester or session. However, complete admission records must be received in the Admissions and Records Office at least 30 days before classes begin in order for the applicant to be notified regarding eligibility for admission.

The University assures equal opportunity for all qualified persons without regard to race, color, religion, gender, national origin, sexual orientation, disability, marital status, pregnancy, sickle cell trait or veteran's status in the admission to, participation in, or employment in its programs and activities.

ADMISSION PROCEDURE

Basic procedures and requirements for undergraduate admission are described below for several different categories of applicants. Find the description that fits you. Then go to the appropriate paragraph under **"Basic Application Procedures."**

Basic procedures and requirements for undergraduate admission are described below for several different categories of applicants. Find the description that fits you. Then go to the appropriate paragraph under **"Basic Application Procedures."**

Are you

- a high school graduate entering college for the first time? See *The freshman applicant.*
- a student entering LSUS with less than 12 hours of credit in non-developmental course work earned at another college? See *The freshman applicant.*
- a student who has been or is now enrolled in another college or university (including two-year schools), has earned 12 or more hours of college credit in non-developmental course work, and who wishes to earn a degree at LSUS? See *The transfer student applicant.*
- a student who is currently enrolled in another college or university, who is eligible to continue at that institution in the fall, and who wants to take summer courses at LSUS for transfer to that institution? See *The visiting or summer only applicant.*

- a student who is currently enrolled in an accredited college or university and who plans to continue at that university the next regular semester or summer session? See *The visiting or summer only student applicant.*
- a person who wishes to participate in a class without earning credit? See *The audit-only applicant.*
- an individual who has been out of high school or college at least three years and whose goal is educational enrichment, not a degree? See *The Educational Enrichment Program* under the heading **Other New Applicants.**
- a citizen of a country other than the United States, see *International Students* under the heading **Other New Applicants.**

If none of these seems to fit your situation, please visit the Admissions and Records Office, call 318.797.5061, or email: admissions@lsus.edu.

BASIC APPLICATION PROCEDURES

A student seeking admission or readmission to LSUS may obtain the appropriate application forms from the Admissions and Records Office in the Administration Building, or from the Admissions website at www.LSUS.edu/admissions.

The student should complete an application and return it to the Admissions and Records Office at least 30 days preceding the first day of class for the semester in which admission is desired. A non-refundable application fee is required for first-time students. Priority undergraduate admission deadlines are as follows:

Fall Semester – June 1
Spring Semester - December 1
Summer Session - May 1

Records submitted to the Admissions and Records Office become a part of the student's official file and are not returned to the student or released to a third party. The University may deny admission, readmission, or continued enrollment to persons whose behavior is or may be disruptive, dangerous, or abusive.

Immunization: Before registering, students born after 1956 must provide proof of immunization or immunity to measles, mumps, rubella, and tetanus/diphtheria to the Admissions and Records Office. In addition, all first-time freshmen must submit proof of immunization against meningitis. This policy applies to all students entering LSUS for the first time and all students returning after an absence of one semester or more. A copy of the Immunization Policy is provided with the admissions material.

A student may claim exemption from the immunization requirement for medical or personal reasons; however, the University may require the student to leave the campus and be excluded from class in the event of an outbreak of measles, mumps, rubella, meningitis, etc. Students claiming exemption may not be permitted back on campus or in class until the outbreak is over or until proof of adequate immunization has been submitted to the Admissions and Records Office.

Selective Service: In accordance with Louisiana Law, male applicants between the ages of 18 and 26 must provide proof of Selective Service registration to enroll past the first semester of attendance at LSUS.

A. The Freshman Applicant

1. is required to take the American College Testing (ACT) Scholastic Aptitude Test (SAT), or COMPASS test, and have the scores sent to LSUS. These scores are used to determine eligibility for admission and placement of all freshman students at appropriate course levels.

Detailed information and registration forms for these tests may be obtained from high school counselors, the LSUS Student Development and Counseling Center, the American College Testing Program, P.O. Box 451, Iowa City, Iowa 52243-0451 (www.ACT.org), or the College Board, 45 Columbus Avenue, New York, NY 10023 (www.CollegeBoard.org). Information regarding the COMPASS test can be obtained through the LSUS Continuing Education Office at 318.798.4177.

2. should have the high school send official transcripts to the Admissions and Records Office. If the student is a beginning freshman or transfer student with fewer than 12 non-developmental credit hours earned who graduated from a Louisiana High School in 2004 or later, the LSUS Admissions and Records Office will request the final transcript from the Board of Regents and the Louisiana Department of Education's Student Transcript System. It will not be necessary for the student to have high school transcripts sent to LSUS. If the student is a beginning freshman or transfer student with fewer than 12 non-developmental semester hours earned who graduated from a Louisiana High School before 2004 or from a high school in another state, the student will need to request that the high school send an official transcript to the Admissions and Records Office at Louisiana State University in Shreveport. If the student has taken college level courses an official transcript from each college or university attended must be submitted to the Admissions and Records Office.

B. The Transfer Applicant: should request that each college or university attended mail an official transcript directly to the LSUS Admissions and Records Office, regardless of whether credit was earned at the institution. A student who has earned fewer than 12 non-developmental semester hours of college credit must *satisfy the requirements listed for Admission from Louisiana Secondary Schools. Any student who fails to acknowledge attendance at each college or university, whether or not credit was earned, is subject to dismissal from the University.* A student who is currently enrolled at another university when he or she applies for admission should request that the institution submit a current official transcript now and also submit a final official transcript at the conclusion of the semester. Until the final official transcript is received and evaluated, the applicant is considered to be provisionally admitted. Full admission will not be granted until the final transcript has been received and evaluated. The University may grant provisional admission until the end of a fall or spring semester, or summer session.

NOTE: *Financial Aid will not be processed until official transcripts from all colleges attended have been received and evaluated.*

C. The Alternate Certification Applicant: should request that each college or university attended mail an official transcript (regardless of whether credit was earned) directly to the LSUS Admissions and Records Office. The final transcript showing the bachelor's degree earned with a cumulative grade point average of 2.50 or better must be submitted. *Any student who fails to acknowledge attendance at each college or university, whether or not credit was earned, is subject to dismissal from the University.* A student who is currently enrolled at another university when he or she applies for admission should request that the institution submit a current official transcript now and then submit a final official transcript at the conclusion of the semester. Until the final official transcript is received and evaluated, the applicant is considered to be provisionally admitted. Full admission will not be granted until the final transcript has been received and evaluated. The University may grant provisional admission until the end of a fall or spring semester, or summer session.

NOTE: *Financial Aid will not be processed until official transcripts from all colleges attended have been received and evaluated.*

D. The Visiting Or Summer Only Student: must submit a complete official transcript from the student's home institution. Enrollment for visiting students is for one regular semester or one summer session only. It does not constitute or presuppose continuing admission to the University. A student admitted under these conditions assumes full responsibility for course selection and should seek the guidance of the institution to which credits are to be transferred. A visiting student who seeks

to continue enrollment at LSUS beyond one semester or session must apply for admission as a non-visiting student.

E. The Audit-Only Applicant: should indicate clearly on the application intention to audit only. No official records are required to be submitted. The student admitted for audit-only pays the same tuition and fees as the regularly admitted student. (See also "Auditor" under "UNIVERSITY REGULATIONS.") Auditors who later wish to enroll for credit must follow the procedures applicable to their status.

F. Other New Applicants:

1. Educational Enrichment Program (EEP) students should indicate clearly on the application intention to enroll as EEP. No records of previous work are required for admission to this non-degree program, providing that the student is at least 25 years of age and at least three years have elapsed since last enrollment in high school, college, or university. (See also "Educational Enrichment Program.")

2. International Students should submit an acceptable score on the Test of English as a Foreign Language (TOEFL) with the completed application, complete official scholastic records, and other required documents at least 90 days before the beginning of the semester in which admission is desired. (For complete requirements see "Admission of International Students.")

FRESHMEN ADMISSION

All applicants must meet standards that the University applies to increase students' chances of academic success. Applicants must submit to the Admissions and Records Office a completed application form, an application fee, immunization records, official test scores, and a high school transcript. For all students who graduated from a Louisiana High School in 2004 or later, the LSUS Admissions and Records Office will request the final high school transcript from the Board of Regents and the Louisiana Department of Education's Student Transcript System.

An applicant to LSUS who has earned fewer than twelve (12) hours of credit in non-developmental courses must meet the admissions criteria for first time freshmen, and have at least a 2.0 GPA on all college-level work attempted. This may be a recent high school graduate or any other student who has decided to attend college.

LSUS has a selective admissions policy for the first-time student that is correlated to the age of the student – stringent requirements for recent graduates of high school (those less than 21 years of age), relaxed requirements for

young adults (21 - 24 years of age), and minimal requirements for those students 25 years of age and older.

First Time Freshmen – Age Less Than 21

Admissibility is based on high school curriculum, high school GPA, high school class rank, ACT scores, and the need, if any, for developmental course work. Specifically, students needing more than one developmental (remedial) course at the time of enrollment at LSUS will not be eligible for immediate admission.

Admission from Louisiana Secondary Schools: To be admitted, a first time freshman who is less than 21 years of age and who has graduated from a Louisiana high school must meet the following:

1. Completion of the Regents' high school core curriculum (currently TOPS core curriculum) of 17.5 course units:

- ♦ English I, II, III, IV
- ♦ Mathematics: 3 units to include Algebra I (one unit) or Applied Algebra 1A and 1B (two units);

Algebra II; Geometry, Trigonometry, Calculus, or an approved math substitute

- ♦ Sciences: 3 units to include Biology; Chemistry; Earth Science, Environmental Science, Physical Science, Biology II, Chemistry II, Physics I, Physics II, or Physics for Technology (one Unit)
- ♦ Social Sciences: 3 units to include Civics (one unit) or Civics and Free Enterprise (one unit combined); American History; World History, Western Civilization, or World Geography
- ♦ Humanities: 3 units to include 2 units in the same foreign language and one unit in fine arts survey
- ♦ Computer Science: ½ unit in Computer Science, or Computer Literacy, or Business Computer Applications
- ♦ Advanced Math or Advanced Science: One unit of advanced math or advanced science from among the following course: Geometry, Calculus, Pre-Calculus, Algebra III, Probability and Statistics, Discrete Mathematics, Applied Mathematics III, Advanced Mathematics I, Advanced Mathematics II, Integrated Mathematics III, Biology II, Chemistry II, Physics, or Physics II.

2. **And** one of the following:

- ♦ High school GPA of 2.0 or greater **OR**
- ♦ High school graduation rank top 50% of class **OR**
- ♦ ACT composite score of 20 or greater or equivalent SAT score.

3. **And** need no more than one developmental course by having one of the following:

- ♦ An ACT English score of 18 or greater or equivalent SAT or COMPASS score. **OR**
- ♦ An ACT Mathematics score of 19 or greater or equivalent SAT or COMPASS score.

Admission from Out-of-State High Schools or Home-School Programs: Freshmen students who are less than 21 years of age and who have graduated from out-of-state high schools or were home-schooled must meet one of the following minimum admissions criteria:

- ♦ The criteria for students who graduated from Louisiana secondary schools which are presented in 1, 2, and 3 above;

OR

- ♦ Have a high school GPA of 2.0 or greater **and** have a 20 or greater on the ACT composite, or equivalent SAT score **and** need no more than one developmental course; **OR**
- ♦ Have a 23 or greater on the ACT composite or equivalent SAT score **and** need no more than one developmental course.

First Time Freshmen – Age 21- 24

Adult students who are at least 21 years of age but not older than 24 years of age may be admitted to LSUS under one of the following options:

Option #1 Meet the minimum admissions requirements listed above for freshmen students that apply based on whether the student graduated in-state or out-of-state or was home-schooled

Option #2 Enroll as a **non-matriculating** (not eligible for federal financial aid) student until achieving a GPA of 2.0 on 12 or more semester hours of non developmental course work.

Option #3 Enroll as a part-time student taking 6 hours or less in fall/spring semester or 3 hours or less in the summer until achieving a GPA of 2.0 on 12 or more semester hours of non developmental course work.

First Time Freshmen – Age 25 Years And Older

A first time freshman who is an adult aged 25 years and older is not required to meet the Board of Regents minimum admissions criteria for first-time freshmen. However, if a student has completed a GED or graduated from high school, he or she may take the University's placement tests in mathematics and English and must have high school transcripts sent to the Admissions and Records Office.

OTHER TYPES OF ADMISSION

Admission by Transfer

Regardless of age, students who have earned at least 12 hours of college credit in non-developmental course work and have at least a 2.0 GPA on all non-developmental college work attempted, may transfer to LSUS if they meet all transfer requirements. To be admitted from another regionally accredited college or university, a transfer student must meet all of the following:

- Be eligible to return to the institution from which s/he is transferring;

- Have earned at least a 2.0 GPA on all non-developmental college work attempted; and
- Have need for no more than one developmental course. Students in need of more than one developmental course will not be eligible for admission to LSUS.

Transfer students who have not earned at least 12 semester hours of college credit in non developmental course work may transfer to LSUS if they meet all requirements for Admission from Louisiana Secondary

Schools and have at least a 2.0 GPA on all college-level (non-developmental) courses.

Transfer applicants who have been suspended from another college or university are not eligible for admission to the University until the suspension has expired.

Students who are registering for the first time at LSUS, have had less than successful work at previous institutions, and have not been enrolled in a college or university for three consecutive years may wish to consider the academic bankruptcy provisions in this catalog. (See “Academic Bankruptcy Policy” under “SCHOLASTIC REGULATIONS.”)

Applicants for transfer must submit official transcripts from each college or university previously attended, regardless of whether or not credit was earned. The University is guided in its decision regarding acceptance of credit from institutions not regionally accredited by recommendations of selected institutions in the states in which the schools are located. Courses on such a transcript may be denied credit altogether, in which case the transcript is held merely as evidence that the student has studied the subject. Applicants may be given the opportunity, usually through advanced standing or departmental examinations, to validate some or all credit.

Credits earned in colleges and universities accredited by regional accrediting associations are accepted by the University. Credits earned in some non-accredited institutions are accepted on a limited basis. The dean of the college offering the degree determines the extent to which accepted credits are applied toward a degree. Evaluations of courses will not be made in advance of receipt of the completed application and official transcripts from each college and university attended. Not more than one-half the credit required for a degree may be accepted from a two-year college (except one within the LSU System) unless specifically authorized by the student's dean. Courses taken at the freshman and sophomore levels at two-year colleges (courses at the 100 and 200 level) may not be counted for transfer credit in upper-level courses (any course numbered 300 and above). Information regarding articulation agreements between LSUS and area community colleges is available on the Board of Regents website: www.regents.state.la.us/ under Louisiana Postsecondary Education Statewide Student Transfer Guide and Articulation System. For an explanation of the granting of credit for examination scores, correspondence and extension work, and military service experiences, see “Maximum Use of Credits” under “UNIVERSITY REGULATIONS.” Validation may be required for credits earned more than ten years ago.

Alternate Admission

Applicants who do not meet these requirements may do one of the following:

- Retake the ACT or SAT and submit acceptable scores.
- Enroll in a community college or other preparatory program in order to transfer later to LSUS. (Information regarding articulation agreements between LSUS and area community colleges is available on the Board of Regents website: www.regents.state.la.us/ under Louisiana Postsecondary Education Statewide Student Transfer Guide and Articulation System.)

Admission Exceptions

Students who do not meet the admissions criteria listed above may be considered for a limited number of admission exceptions. The Admissions and Records Office will notify students who qualify for these exceptions.

Early Admission

Superior students may gain admission to the University before graduating from high school, though such admission does not constitute the award of a high school diploma. Early admission requires:

- credit for 15 high school units, including 3 units in English, 2 units in mathematics, 2 units in the social sciences, and 2 units in sciences. (See high school curriculum under “Admission from Secondary Schools.”)
- overall average of B in high school academic subjects.
- a composite score of 29 on the enhanced ACT.
- recommendation of the high school principal.

An applicant for early admission must file the required records by July 15 to be considered for the fall semester or by December 1 for the spring semester.

Readmission of Former Students

Former students who were not registered at LSUS for the preceding regular semester must apply for readmission (no application fee is required). A student who has registered at another college or university since enrollment at LSUS must request that those institutions submit official transcripts directly to the LSUS Admissions and Records Office, regardless of whether credit was earned. Failure to submit transcripts by the end of the semester or session will prevent future registration.

To be eligible for readmission, the student must be in good academic standing.

Educational Enrichment Program

The Educational Enrichment Program (EEP) admits students without requiring records of their previous

academic work, provided that the student is at least 25 years of age and at least three years have elapsed since s/he was enrolled in a high school, college, or university.

A student in this non-degree program may register for a maximum of nine hours of credit during a fall or spring semester, and six during a summer session, and may earn a maximum of 24 hours of credit. The student who wishes to continue after earning credit for 24 hours must submit complete academic records before a decision is made regarding admission to a degree program.

The student enrolled in the Educational Enrichment Program is subject to University regulations as set forth in this catalog.

A student in the Educational Enrichment Program is not enrolled in a degree program and thus is not eligible for Veterans Administration benefits or other forms of financial aid.

Provisional Admission

Upon approval of the Admissions and Records Office an applicant who does not have complete admission documents on file at the time of registration may be granted provisional admission pending receipt of complete and satisfactory records. Upon the receipt of all the required records of a provisionally admitted student, the admissibility of the student will be determined, and the registration of a student who does not meet the admission requirements will be cancelled. A student admitted provisionally whose required records are not received within the first semester will be unable to register for future semesters. A student without complete records is not eligible for financial aid or veteran's benefits. No official or unofficial records of a student's enrollment while at LSUS will be released until all records are received.

Admission of International Students

A superior international student may apply for admission as a freshman or a transfer student. Freshmen international students must have completed a recognized secondary program comparable to U.S. high school graduation and have academic records comparable to those required to meet the Admissions from Louisiana Secondary Schools requirements. Admission decisions for freshman international students must be made in accordance with recommendations in nationally recognized publications. Students should have at least

completed a program of study that would recommend them for admission to a university in their native country. International applicants transferring from institutions in or out of the United States must have completed a recognized secondary program and meet Admissions by Transfer requirements. All foreign credentials must be submitted in English to the Admissions and Records Office using one of the following approved foreign credential evaluation service providers AACRAO (www.aacrao.org/international/foreign EdCred.cfm), World Education Services (www.wes.org), Educational Credential Evaluators (www.ece.org) or GCE (gcevaluators.com). A course-by-course evaluation is required. Additional information concerning the evaluation process and the associated fees can be obtained online from the evaluation service provider's website. An applicant whose native language is not English must submit an acceptable score (minimum score of 500 on the paper administered test, 173 on the computer-based version, or 61 on the internet based test) on the Test of English as a Foreign Language (TOEFL), which is administered by the Educational Testing Service in the United States and at many overseas testing centers. A student who wishes to take the test should write directly to TOEFL, Educational Testing Service, Box 6151, Princeton, New Jersey 08541-6151 or visit www.toefl.com. International applicants must indicate the availability of sufficient funds to meet all costs while studying at the University. A complete educational background report is required. The application, complete official scholastic records, TOEFL score, and other required documentation must be in the Admissions and Records Office at least 90 days before the beginning of the semester in which admission is desired. If complete documents are not on file by this deadline, the application will be considered for the next scheduled registration period. A non-refundable fee of \$20 must accompany the application.

Before registering at LSUS, it will be necessary for the student to present verification of an adequate health insurance plan to cover hospital, medical, surgical, major medical, and repatriation expense protection or its equivalent.

First consideration is given to applicants who supplement their academic records with scores earned on College Entrance Examination Board tests or other recognized tests and who apply early.

DUAL ENROLLMENT OPPORTUNITIES FOR HIGH SCHOOL STUDENTS

Louisiana State University Shreveport offers two programs that fall under the term Dual Enrollment. The Louisiana *Early Start Program (ES)* and the Louisiana State University Shreveport *Academic Excellence*

Programs (AEP) offer high school students the opportunity to earn both high school and college credit or college credit only. Students participating in either

program may use credits earned in this program to satisfy degree requirements at LSUS.

It is important to note the following guidelines for both programs. For a full description of both programs including all guidelines please visit www.lsus.edu/dualenrollment or phone the Office of Academic Services at 318.797.5135.

- A permanent postsecondary academic transcript will begin which records all institutional credit for which the student attempts.
- Students are expected to follow the same withdrawal deadline as any other undergraduate student in the university.
- If the student resigns or withdraws from a course or enrollment is cancelled, the student must receive permission from both the high school and college to continue enrollment in subsequent semesters/terms.
- Student must be eligible to enroll at the postsecondary institution.
- Continued enrollment in subsequent semesters/terms requires students to have successfully completed (earned A, B, C, or P) in prior dual credit courses.
- Students must reapply each semester.

Early Start Program (ES)

The Early Start program (ES) provides high school juniors and seniors, who are at least 15 years of age, the opportunity to earn both college and high school credit.

- Students must be currently enrolled at a Louisiana public high school to participate.
- Students must have taken the PLAN or ACT (or SAT) and met the program requirements.
- Course must be included on the Louisiana Board of Regents' Statewide General Education Course Articulation Matrix.
- A completed application must be submitted to and approved by the high school principal or counselor. The high school principal or counselor will then complete the application packet by including your

high school transcript and ACT scores then submitting them to the Office of Academic Affairs at LSUS by the published deadline.

NOTE: *limited funding is available through the Louisiana Board of Regents. Check with your high school counselor regarding program availability at your high school.*

Academic Excellence Program (AEP)

The Academic Excellence Program (AEP) provides academically superior high school students the opportunity to experience the intellectual, cultural, and social atmosphere of a university and earn college credit.

- Students must have completed at least their freshman year in high school.
- Students must be currently enrolled at a public, private, parochial, or home school in Louisiana.
- Students must have taken the PLAN or ACT (or SAT) and met the program requirements.
- Students may take up to six hours in a summer session, or fall or spring semester.
- A limited number of scholarships are available on a first come first served basis which covers all tuition and fees for up to 6 credit hours per semester. Students are responsible for the cost of books and supplies. (subject to change)
- Applications, deadlines, and additional information about the program may be obtained from www.lsus.edu/dualenrollment or by visiting or calling the LSU Shreveport Office of Academic Services at 318.797.5135.

NOTE: *Funding and program requirements are subject to change, visit www.lsus.edu/dualenrollment or call the LSUS Office of Academic Services at 318.797.5135 for the most up to date program requirements.*

CORRESPONDENCE OR INDEPENDENT STUDY

A student wishing to take correspondence courses or independent study should contact either the Division of Continuing Education and Public Service at LSUS at 318.797.5311 or the Office of Independent Study, E 106 Pleasant Hall, Louisiana State University, Baton Rouge, Louisiana 70803, or by phone: 800.234.5046.

For information about acceptance of credit, see “Credits for Correspondence and Independent Study Courses” under “UNIVERSITY REGULATIONS.”

LOUISIANA RESIDENCE STATUS

The residence status of an applicant or student is determined by the Admissions and Records Office in accordance with LSU System regulations and is based upon evidence provided in the completed application for admission and additional required documents. The LSU System regulations can be found at www.lsusystem.edu.

Resident students are those who have had their domicile in the state of Louisiana continuously for at least 365 days immediately preceding the first day of classes of the semester or semester for which residence classification is sought. A "domicile" is the true, fixed, and permanent

home at which the individual remains when not called elsewhere for special or temporary purposes, and the place to which the individual returns after an absence. Factors considered in establishing residence classification include the residence of a dependent's parents; tax returns and other financial information, particularly when emancipation is claimed; former domicile in Louisiana; location of the source of the student's income; and the state in which the student is registered to vote.

Persons who are transferred to the state by their employer or regularly do business in Louisiana may be eligible for a waiver of nonresident fees and should contact the Admissions and Records Office for further information.

Students who are members of the armed forces or dependents of members of the armed forces must submit a Verification of Temporary Residence available from the Admissions and Records Office.

An international student holding a student visa is classified as a nonresident. Residence status is not determined for students who are auditing classes only. Individuals who come to the Shreveport area from out-of-state just to attend the University will be considered nonresidents until demonstrating that their previous domicile has been abandoned and a Louisiana domicile has been established.

LSUS has available a limited number of non-resident tuition exemptions for students from out-of-state who meet the criteria. Students may apply for these exemptions by contacting the Admissions and Records Office. They will be awarded by the Admissions and Records Office on a first-come, first-served basis.

FINANCES

WWW.LSUS.EDU/FINAID/INDEX

Tuition and fees are assessed to all who enroll at LSUS. The amount of the fee shown below is determined in accordance with the residency status of the student and the number of semester hours (credit and audit) for which the student enrolls. Louisiana residents and audit students pay only the resident fee. The University reserves the right to change tuition and fees without prior notice. All fees are payable at registration.

Tuition and Fees♦ (Undergraduate)							
Louisiana Resident				Nonresident			
<i>Hours</i>	<i>Tuition</i>	<i>Fees</i>	<i>Total</i>	<i>Hours</i>	<i>Tuition</i>	<i>Fees</i>	<i>Total</i>
1	\$113.85	\$40.70	\$154.55	1	\$154.55	\$198.70	\$353.25
2	\$227.70	\$81.40	\$309.10	2	\$309.10	\$397.46	\$706.56
3	\$341.55	\$122.10	\$463.65	3	\$463.65	\$596.19	\$1,059.84
4	\$455.40	\$162.80	\$618.20	4	\$618.20	\$794.92	\$1,413.12
5	\$569.25	\$203.50	\$772.75	5	\$772.75	\$993.65	\$1,766.40
6	\$683.10	\$244.20	\$927.30	6	\$927.30	\$1,192.38	\$2,119.68
7	\$796.95	\$284.90	\$1,081.85	7	\$1,081.85	\$1,391.11	\$2,472.96
8	\$910.80	\$325.60	\$1,236.40	8	\$1,236.40	\$1,589.84	\$2,826.24
9	\$1,024.65	\$366.30	\$1,390.95	9	\$1,390.95	\$1,788.54	\$3,179.49
10	\$1,138.50	\$407.00	\$1,545.50	10	\$1,545.50	\$1,987.30	\$3,532.80
11	\$1,252.35	\$447.70	\$1,700.05	11	\$1,700.05	\$2,186.03	\$3,886.08
12	\$1,366.20	\$488.40	\$1,854.60	12	\$1,854.60	\$2,384.76	\$4,239.36
13	\$1,366.20	\$495.40	\$1,861.60	13	\$1,861.60	\$2,387.79	\$4,249.39
14	\$1,366.20	\$502.40	\$1,868.60	14	\$1,868.60	\$2,384.76	\$4,253.36
15+	\$1,441.20	\$509.40	\$1,950.60	15+	\$1,950.60	\$2,384.76	\$4,335.36

♦For the most current Tuition & Fees Schedule, visit Accounting Services at www.lsus.edu/acctserv.

Tuition and Fees♦ (Graduate)							
Louisiana Resident				Nonresident			
<i>Hours</i>	<i>Tuition</i>	<i>Fees</i>	<i>Total</i>	<i>Hours</i>	<i>Tuition</i>	<i>Fees</i>	<i>Total</i>
1	\$140.00	\$41.70	\$181.70	1	\$181.70	\$251.64	\$433.34
2	\$280.00	\$83.40	\$363.40	2	\$363.40	\$503.28	\$866.68
3	\$420.00	\$125.10	\$545.10	3	\$545.10	\$754.92	\$1,300.02
4	\$560.00	\$166.80	\$726.80	4	\$726.80	\$1,006.56	\$1,733.36
5	\$700.00	\$208.50	\$908.50	5	\$908.50	\$1,258.20	\$2,166.70
6	\$840.00	\$250.20	\$1,090.20	6	\$1,090.20	\$1,509.84	\$2,600.04
7	\$980.00	\$291.90	\$1,271.90	7	\$1,271.90	\$1,761.48	\$3,033.38
8	\$1,120.00	\$333.60	\$1,453.60	8	\$1,453.60	\$2,013.12	\$3,466.72
9	\$1,260.00	\$375.30	\$1,635.30	9	\$1,635.30	\$2,264.76	\$3,900.06
10	\$1,400.00	\$417.00	\$1,817.00	10	\$1,817.00	\$2,516.40	\$4,333.40
11	\$1,540.00	\$458.70	\$1,998.70	11	\$1,998.70	\$2,768.40	\$4,767.10
12	\$1,680.00	\$500.40	\$2,180.40	12	\$2,180.40	\$3,019.68	\$5,200.08
13	\$1,680.00	\$507.40	\$2,187.40	13	\$2,187.40	\$3,019.68	\$5,207.08
14	\$1,680.00	\$514.40	\$2,194.40	14	\$2,194.40	\$3,019.68	\$5,214.08
15	\$1,680.00	\$521.40	\$2,201.40	15	\$2,201.40	\$3,019.68	\$5,221.08

♦For the most current Tuition & Fees Schedule, visit Accounting Services at www.lsus.edu/acctserv.

SPECIAL FEES

- Application Fee - \$10 (non-refundable) This fee is for new LSUS students only. It is not applicable for former LSUS students applying for readmission.
- Late Registration Fee - \$50 (non-refundable). Late registration fee is assessed to students who fail to pay fees by the deadline set by the Admissions and Records Office.
- Additional application fee for International Students - \$10 (total fee of \$20, non-refundable)
- Graduation Fee - \$30 Assessed semester of expected graduation
- Advanced Standing Examination - \$10 (non-refundable) No fee is assessed for advanced standing examinations taken prior to enrollment in the University as a beginning freshman or before mid-semester of the first regular semester in which the student is enrolled as a freshman.
- Duplicate Diploma Fee –\$5
- Science Lab Fee - \$25 per course for students enrolled in Science Laboratory courses.

Parking Fines

- Parking violation - \$15
- Parking in handicapped zones, fire lanes, lawns, streets, sidewalks, and loading zones - \$50
- Late payment penalty - \$5
- The late payment is assessed on any fine not paid within five business days, excluding weekends and University holidays.
- Vehicular contact with the entrance gates at the University Courts Apartments, or any other barrier, either permanent or temporary - \$100
- Failure to yield to a pedestrian cross walk - \$100
- See “Traffic & Parking Regulations” available from Campus Security for complete details

PAYMENT OF FEES

Payment of all assessed tuition and fees is required in order to complete the registration process at the university. Students may apply their financial aid (scholarships, tuition exemption, and/or student loan proceeds), if any, towards the payment of tuition and fees. Payments can be made by cash, check, debit, and/or major credit cards.

Any checks returned unpaid by the bank will result in the following:

1. The student will forfeit future check-writing privileges within the LSUS campus

2. A \$25.00 fee will be assessed against the student
3. If the check amount and the \$25.00 fee are not paid within 10 business days, the total amount due will be referred to a collection agency where additional collection charges will be assessed. All charges related to an unpaid check are the responsibility of the student.

Please note that checks issued by a third party on behalf of the student will be treated as the student's check. Also note that stop payment on a check will not constitute an official resignation from the university.

DEFERMENT OF FEES AND PAYMENT DATES

The Deferred Fee Program allows students to defer one-half of their current semester fees for fall and spring semesters. Only students without a financial obligation to the University from a prior semester may defer fees, and they must pay a \$20 non-refundable, non-deferrable additional fee to do so. Payment dates are as follows:

Fall:

- One-half at registration and one-half by October 15.*

Spring:

- One-half at registration and one-half by March 1.*

Deferment clause: All deferments not paid by the due date will be assessed a \$25 late fee. Any outstanding balance on deferred fees (less any appropriate refund) becomes due at the time the student requests to resign from the

University. Students must clear this financial obligation before resigning.

The University will assign all unpaid deferred-fee accounts to a collection agency. Students are liable for all associated attorney and collection costs.

In addition to the university's collection efforts, students with financial obligations (deferred fees, NSF check, library fine, parking fine, etc.) to the university will not be able to obtain grades, transcripts, diplomas, etc., during the current or any future semesters until the obligation has been paid in full. A student will be permitted to register for a future semester however, payment of all prior debts is expected in full at registration.

**Payment deadlines falling on Saturday or Sunday will be moved to the next business day.*

REFUND OF TUITION AND FEES

A refund of a student's tuition and fees will be considered only after one or more of the following conditions are met:

- The student officially resigns from the University. (See also "Resigning from the University.")
- The University cancels the student's registration.
- The student officially withdraws from one or more classes.

The University will first apply refunds to outstanding obligations and then return any remainder to the student.

The refund schedule for classes meeting during the fall and spring semesters is as follows:

- ♦ 100% of refundable fees before classes begin, and during the first 5 official class days of the fall/spring semesters; on the 1st official class day of the 4-week summer session; and during the 2nd and 3rd official class days of the 8-week summer session.
- ♦ 60% of refundable fees during the 6th through 10th official class days of the fall/spring semesters; on the

2nd official class day of the 4-week summer semesters; and during the first 4th through the 6th official class days of the 8-week summer semester.

- ♦ 40% of refundable fees during the 11th through 18th official class days of the fall/spring semesters; during the 3rd and 4th official class days of the 4-week summer semesters; and during the 7th through 9th official class days of the 8-week summer semester.

NO refunds will be made until the refund period has expired. Refunds will be issued 45 days after the first day of classes in fall/spring semesters.

Refund Policy for Students with Title IV Student Financial Aid who Resign from the University

Students receiving Title IV grant or loan funds who withdraw from LSUS before 60% of the semester/semester has lapsed will be fully responsible for repaying those funds to the U.S. Department of Education (USDoE) and/or LSUS. LSUS' refund policy is used to calculate the refund of institutional charges. However, the

Federal “Return of Title IV Funds” formula dictates the amount of Federal Title IV aid that must be returned to the Federal Government by the student and the school if the student completely resigns from LSUS. Title IV financial aid includes the Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Stafford Loan, Academic Competitiveness and SMART Grants, and Federal PLUS loan and Louisiana Leveraging Educational Assistance Partnership (LLEAP) Grant. For determining the percentage of the Title IV aid to be returned to the USDoE, the number of calendar days remaining in the semester is divided by the number of calendar days in the

semester. Scheduled breaks of five consecutive days are excluded. If funds remain after Title IV funds have been repaid, they will be used proportionally to repay LSUS scholarships and grants, other private scholarships and the student. If a student receives grant funds in excess of tuition and fees and he or she resigns before 60% of the semester has lapsed, the student is responsible for paying USDoE the unearned portion of the grant. LSUS is in turn responsible for paying the USDoE the unearned portion that was applied toward tuition and fees. Worksheets used to determine the amount of refund of Title IV aid are available upon request from the Office of Financial Aid.

TUITION AND/OR FEES EXEMPTIONS

CODOFIL/CORDELL-HULL

Teachers from foreign countries participating in the CODOFIL or Cordell-Hull Programs in Louisiana are exempt from tuition, non-resident tuition, and certain fees for part-time enrollment. Contact the Admissions and Records Office for more information.

GRADUATE ASSISTANTS

Graduate Assistants may be eligible for tuition and/or non-resident tuition exemption. Applications for Graduate Assistantship are available in the Dean’s Office of the Colleges.

LOUISIANA VETERAN’S ADMINISTRATION

Louisiana students whose parent or spouse died in the line of duty or became 100% disabled because of service during World War II, the Korean or Vietnam conflict might qualify for a tuition and certain fees exemption. Applications are available from the parish Veteran’s Affairs Officer or the Louisiana Department of Veterans Affairs, Fourth Floor, Old State Capital Building, Baton Rouge, Louisiana 70801. Contact the VA representative in the Admissions and Records Office.

LSUS EMPLOYEE DEPENDENT NON-RESIDENT /LSUS GRADUATE DEPENDENT EXEMPTIONS

Children of employees or graduates of LSUS may be eligible for an exemption or partial exemption of out-of-state tuition. Contact Accounting Services for more information.

NON-RESIDENT TUITION EXEMPTION

Students who are classified as non-Louisiana residents may apply for a non-resident tuition exemption of out-of-state tuition. The university has a limited number of these

exemptions available and they are awarded on a first-come, first-served basis. Interested students should contact the Office of Admissions and Records.

NATIONAL GUARD

Active members of the Louisiana National Guard may be eligible for tuition exemption. Application is made through the student’s local National Guard unit.

OVER 65

LSUS students sixty-five years of age or older are exempt from tuition and certain fees. Students apply in the Admissions and Records Office at least one week prior to the beginning of the semester.

POLICE/FIRE OFFICER EXEMPTION

Children of police or fire officers who died in the line of duty may be eligible for a tuition and certain fee exemptions. Contact the Admissions and Records Office for more information.

SOUTHEAST ASIAN REFUGEES EXEMPTION

Southeast Asian Refugees placed in Louisiana by a relief agency may be exempt from non-resident tuition. Contact the Admissions and Records Office for more information.

SOUTHERN UNIVERSITY IN SHREVEPORT/LSUS COOPERATIVE

Students taking at least 12 non-developmental hours per semester (including summer) at Southern University in Shreveport may be eligible for a tuition and certain fee exemptions* for up to three hours per semester. Contact the Admissions and Records Office for more information.

**NOTE: For a current list of fees that are exempt, contact Accounting Services.*

SCHOLARSHIPS

Scholarships for entering LSUS Students: The following scholarships are available for applicants who are entering LSUS as new students. Each student completing admission by January 31 will be considered for all scholarships for which he or she is qualified for the following academic year.

4th Congressional District Art Scholarship
Amanda Clark Scholarship
Blue and Gold Scholarship
Caddo School Counselors Association Arminda Riser
Scholarship
Community College Graduate Scholarship
Debate Scholarship
Doris Adair Howe Kilkuskie Memorial Endowed
Scholarship
Jazz Band Scholarship

John Troy Bain Scholarship
Leadership Scholarship
Louisiana Scholarship
LSUS LaPREP Scholarship
LSUS Transfer Student Scholarship
Navigator Scholarship
Red River Scholarship
Shreveport Scholarship
Valedictorian Scholarship

Scholarships for currently enrolled LSUS Students: The following scholarships are awarded based upon the student's academic record at LSUS. University-wide scholarships are awarded by the LSUS Financial Aid and Scholarship Committee; therefore, an application is not required. The College Scholarships are awarded by a faculty committee within each college. Students may apply for College Scholarships by contacting the Dean's Office for the college in which they are enrolled.

UNIVERSITY-WIDE SCHOLARSHIPS

Carroll and Anna Hoffpauir Scholarship
Century Development Housing Scholarship
Debate Scholarship
Fred and Sybil Patten Pilot Endowed Scholarship at
LSUS
Freta S. Daniel LSUS Zonta Book Scholarship
Isabel & Dadie Goldman Foundation Scholarship
James K. and Margaret Elrod Pilot Endowed
Scholarship at LSUS
Jazz Band Scholarship
Joe and Abby Averett Pilot Endowed Scholarship at
LSUS
John & Joanna Magale Scholarship
Leonard and Mary Anne Selber Pilot Endowed
Scholarship at LSUS
Maedean Emerson Wallis & Lionel G.D. Wallis, Jr.
Endowed Scholarship
Marcia Calhoun Endowed Scholarship
Marge Kozak Memorial Endowed Scholarship

Margery Norton Endowed Scholarship at LSUS
Matel and Bessie Hall Dawson Endowed Scholarships
Matel Dawson, Jr. Endowed Scholarships
Navigator Scholarship
Ned and Kittie Dawson Endowed Scholarships
Neil and Glenda Erwin Scholarship
Norman and Peggy Kinsey Pilot Endowed Scholarship
at LSUS
Shreveport Rotary Club Scholarship
SOAR Leadership Scholarship
The Community Foundation of Shreveport/Bossier
Annie Lowe Stiles Scholarship
The LSUS Alumni Association Graduate Endowed
Scholarship
U.S.A. Weightlifting Scholarships
Vincent and Carol Ann Marsala Pilot Endowed
Scholarship at LSUS
Virginia Shehee Pilot Endowed Scholarship at LSUS
William N. and Marie L. Lyle Endowed Scholarship

COLLEGE OF BUSINESS, EDUCATION AND HUMAN DEVELOPMENT SCHOLARSHIPS

Alpha Theta Education Major Scholarship
American Classified Scholarship in Marketing
Ark-La-Tex Quality Council Scholarship
Association of Student Accountants Scholarships
B.E. Tabarlet Endowed Scholarship
Bennett Christopher Mangin Memorial Endowed
Scholarship
Beta Gamma Sigma Scholarship
Better Business Bureau Serving Central Louisiana and
the Ark-La-Tex Endowed Scholarship
CBA Part-Time Student Scholarship

Cole, Evans, & Peterson Accounting Scholarships
Donna Tanner Executive Women's International
Scholarship
Dr. Jimmie N. Smith Endowed Graduate Scholarship in
Psychology
Earl Gray McCalla Endowed Scholarship in Education
Elaine Parker Endowed Scholarship in Education
George A. Khoury, Jr. Endowed Scholarship
Helen and Frank Katzenstein Memorial Endowed
Scholarship

Insurance Women of Shreveport/Bossier Endowed Scholarship
Jim Leslie Memorial Scholarship
John and Joanna Magale Scholarship
John M. Easom Fast Tax Scholarship
Kathie Giddings Troquille Memorial Endowed Scholarship
KPMG Accounting Scholarship
LSUS Alumni Business Endowed Scholarship
LSUS Alumni Education Endowed Scholarship
Mary Edna Adams Brossette Endowed Scholarship
MBA Student Scholarship
Northwest Louisiana Society for Human Resource Management Scholarship
Peggy and Aaron Selber, Jr. Scholarship
Philip D. Nimmo Fast Tax Scholarship
Women's Council of Realtors Scholarships

Porter "Court" Crow Scholarship
Re/Max Executive Realty Endowed Scholarship
S. Berton Heard Scholarships in Accounting
Samuel E. Smith Memorial Endowed Scholarship
Shelia Herring Chumley Scholarship
Shreveport Women's Business Council Scholarship
South Shreveport Rotary Charles Vestal Memorial Scholarship
South Shreveport Rotary Scholarship
Southwest Shreveport Rotary Club Tabarlet Education Award
Traffic and Transportation Endowed Scholarship
Travis A. White Endowed Scholarship
U.L. Coleman Real Estate Scholarship
Wesson-Bridger Endowed Scholarship

COLLEGE OF ARTS AND SCIENCES

Allena J. Longfellow Scholarship
Alpha Omega Laser Inc. Computer Science Endowed Scholarship
American Studies Endowed Scholarship
Bowman Systems Computer Science Scholarship
C. Donald Smith Math and Computer Science Memorial Scholarship
Carroll and Anna Hoffpauir Scholarship
Chemistry Club Outstanding Member Scholarship
Cory Katherine Hiers MLA Endowed Scholarship
Debate Team Scholarship
Dr. Jon Cheek College of Sciences Scholarship
Gary K. Brashier Memorial Chemistry Endowed Scholarship
George Paul Bonner Physics Endowed Scholarship
H.F. Sockrider Jr. Endowed Scholarship
H.J. Sachs English Scholarship

Jazz Band Scholarships
John and Joanna Magale Endowed Scholarship
John T. and Elizabeth S. McBride Endowed Scholarship
LSUS Alumni Liberal Arts Endowed Scholarship
LSUS Alumni Sciences Endowed Scholarship
Master of Science in Human Service Administration Award
Milton Finley Scholarship for Excellence in History and Social Sciences
Neal D'lin Memorial Endowed Scholarship
Norman A. Dolch Scholarship
Northwest Louisiana PC Users Group Scholarship
Praeses Corporation Computer Sciences Achievement Scholarships
Roderick "Roddy" W. Spigener Endowed Scholarship
Walter O. Bigby Endowed Scholarship
Willis M./Lillene M. Herring Pre-Nursing Scholarship

STUDENT FINANCIAL AID PROGRAMS

To be eligible for financial aid from the Title IV Federal student aid programs, the student must be enrolled in a degree or teacher certification program and be registered for at least six credit hours during any academic semester that financial aid is received. Students taking less than six hours may qualify for a Federal Pell Grant.

Application process: To apply for financial aid the student completes and submits the Free Application for Federal Student Aid (FAFSA). FAFSA are submitted electronically at <http://www.fafsa.ed.gov/>. After the student's application is processed the student will receive a Student Aid Report (SAR) from the Department of Education. This report is used to determine the student's eligibility for Federal Pell Grants, Federal Supplemental Educational Opportunity Grant's (FSEOG), Academic Competitiveness and SMART Grants, Louisiana

Leveraging Educational Assistance Partnership Grants (LLEAP), Federal Work Study (FWS), and Federal Stafford Students Loans.

Students receiving financial aid awards at LSUS are notified of their awards on an award letter issued by the Financial Aid Office. The student is responsible for accepting or declining each type of financial aid offered and returning a copy of the award letter to the Financial Aid Office.

Those chosen for Federal Pell, FSEOG, LLEAP Grants and FWS are selected on the basis of financial need. No preference is shown for sex, race, student classification (freshman, sophomore, etc.), or state of residency, with the exception of LLEAP grants. Only Louisiana residents may receive LLEAP grants. Annual submission of the FAFSA is required to determine eligibility.

Enrollment Status for Financial Aid Recipients: For students receiving Title IV financial aid the following definitions are used to certify the student's enrollment status for fall, spring or summer semesters:

	Undergraduate	Graduate
Full-time	12 or more hours	9 or more hours
Part-time	9 – 11 hours	
Half-time	6 – 8 hours	6 – 8 hours

Grants: Eligibility for Federal Pell Grants is determined by the Department of Education.

The Financial Aid Office at LSUS determines eligibility for the FSEOG and LLEAP grants. Selection for these grants is basis on financial need. Eligibility for the Academic Competitiveness and SMARTS Grants is based on financial need and the student's academic history. The

Financial Aid Office determines students who are eligible for these award grants.

Work Study: The Federal Work Study Program is a joint effort by the Federal government and the University to provide jobs for students who need financial assistance to attend college.

Loan Funds: Students are awarded two types of loans based on their Student Aid Report, the Subsidized Federal Stafford Loan and the Unsubsidized Federal Stafford Loan. The interest on the Subsidized Stafford Loan is paid by the Department of Education while the student is enrolled in at least six hours and for six months after the student graduates or ceases to be enrolled for at least six hours. The interest on the Unsubsidized Stafford Loan is paid by the student or accrues and is capitalized when the student begins to make payments on the loan after graduation or when their credit hours drop to less than half-time basis.

STUDENT WORKERS

Campus employment is available to capable students from funds provided in departmental budgets and in the Federal Work-Study Program. *Generally only full-time students are eligible for student employment.*

Budget jobs are funded by the various departments and may be secured by contacting the secretary or chairperson of the department. Some budget jobs are listed with the LSUS Career Center. More information on the jobs listed in the Career Planning and Placement Center is available on the Internet at: <http://www.LSUS.edu/career>.

The Federal Work-Study Program is a joint effort by the federal government and the University to provide jobs for students who need financial assistance to attend college. Students must state on their FAFSA that they desire a Work-Study position and have financial need. The student is notified on their award letter if they have been awarded Work-Study funds. Students new to the program come by

the Financial Aid Office during the first week of school and obtain a list of open positions. The student then contacts the supervisor over that position for an interview. It is the student's responsibility to obtain a job from those posted. Financial Aid personnel will assist students awarded Work Study funds in obtaining jobs. Returning students usually continue in their previous positions. Funding for Work Study funds is limited and awarded to those students who apply early and show financial need.

Off-campus jobs are listed in the Career Center. Employers contact the center seeking students for full time, part-time, occasional, or temporary jobs. Students and alumni may receive further information on off-campus employment in the Career Center on the second floor of the Administration Building. All jobs are posted on the Career Center Website (see above).

VETERANS' BENEFITS

Veterans or eligible dependents wanting veterans' benefits must apply for admission through the Admissions and Records Office and apply for educational benefits through the Veterans' Administration. Applications for VA educational benefits can be found on-line at www.gibill.va.gov. Both applications should be filed at least six weeks prior to registration. After approving the application, the VA will issue the student a Certificate of Eligibility. The student must turn in a copy of the Certificate of Eligibility at the time of registration. VA students are subject to the following requirements:

1. Beginning freshmen must have the high school from which they graduated forward an official high school transcript to the Admissions and Records Office. Refer to the "UNDERGRADUATE ADMISSIONS" section of this catalog.
2. Transfer students must have official transcripts from each college-level institution previously attended forwarded to the Admissions and Records Office, which will evaluate the credits. The academic dean will then decide which credits apply to the program of study.
3. Students receiving VA benefits must be working toward a degree or certification or be taking prerequisites approved by the dean.
4. Students pursuing a second bachelor's or master's degree must obtain a second-degree statement and detailed program of study from the appropriate academic dean.
5. All VA students must complete the University's Veterans' Certification Form each semester during registration. The student's dean must approve substituted courses in writing before the enrollment certification is submitted.
6. Students repeating courses may not receive full benefits. See the VA representative in the Admissions and Records Office for details.
7. Students must report any schedule change or resignation to the University's Veterans Certification Officer immediately. A student who resigns or reduces a course load and who wishes to retain full benefits must write a letter showing mitigating circumstances to the VA. If the request is not approved, the student must refund the overpayment to the VA retroactive to the start of the semester.
8. Students eligible for the education benefits under Chapters 30, 35, 1601, and 1607 of the GI Bill must pay LSUS for tuition and fees prior to being reimbursed by the VA.
9. Students eligible for education benefits under Chapter 33(Post 9/11 - September 11, 2001) of the GI Bill must sign a deferment letter. This letter indicates what amount of tuition and fees the VA will pay. The student is required to pay any amount not covered by the VA in accordance with the deadline set by the university.

DEGREE REQUIREMENTS

BACCALAUREATE DEGREE REQUIREMENTS

Specific requirements for each degree will be found in the catalog descriptions under the appropriate colleges and departments.^{1,2}

All students who wish to earn a bachelor's degree must complete the following university-wide requirements:

1. Complete all the General Education requirements.
2. Earn a minimum grade point average of 2.0
 - a. on all work attempted at LSUS
 - b. on all work attempted at LSUS and elsewhere
 - c. in a major subject or, for the General Studies student, an area of concentration
 - d. in the courses of the major subject taken at LSUS or, for the General Studies student, an area of concentration.*(Grades of P, NC, W, or I are not included in determining the grade point average)*
3. Complete the college and departmental requirements for degree.
4. Earn a minimum of 120 hours of credit, exclusive of English 005 and Mathematics 007. Not more than 9 hours in mathematics courses numbered below 150 may be counted in the minimum. At least 60 of total hours must be from a four-year college or university.
5. Earn in residence at LSUS a minimum of 25 percent of the term hours required in the student's degree program, including 9 or more in the major or field of concentration, unless authorized in writing by the student's dean. Non-business majors may not take more than 29 hours of degree credit in courses offered by the School of Business. Up to 9 hours of economics are exempt from this rule.
6. Complete a minimum of 30 of the last 40 term hours in residence at LSUS unless authorized in writing by the student's dean.

7. Complete the following procedural requirements for graduation:

It is the expectation of the LSUS faculty, as well as the general public, that every student who participates in the commencement exercise has fulfilled all requirements for the degree and is the rightful recipient of the degree that is to be bestowed. To the extent reasonably possible, LSUS will ensure that those, and only those, who have completed all requirements for the degree will participate in commencement exercises. No person shall be allowed to participate in a commencement exercise except those who have been authorized by the dean of the candidate's college and/or the Provost and Vice Chancellor for Academic Affairs and verified by the Registrar.

- a. During the term immediately prior to the term in which the degree is to be awarded, a degree candidate's academic record must be evaluated for compliance with degree requirements by the dean of the candidate's college. The candidate must initiate the checkout procedure, obtain a checkout form signed by the dean, present it to the Admissions and Records Office, and then make application for a degree.

- b. The diploma fee must be paid before the application is processed. A candidate who has previously paid a diploma fee but failed to graduate at the time expected must pay an additional diploma fee.

- c. At least three days prior to graduation, the candidate must clear any financial indebtedness to the University.

- d. The candidate is encouraged to participate in commencement ceremonies. Persons wanting to graduate in absentia should notify the Admissions and Records Office in writing prior to graduation.

- e. Under exceptional circumstances, a candidate may request permission to participate in a commencement exercise held in the term immediately preceding the one in which the student will complete all degree requirements. Such a request must be made in writing to the dean of the candidate's college four weeks prior to the end of classes in the term. Should the candidate make a compelling case, the dean may recommend approval to the Provost and Vice Chancellor for Academic Affairs who will inform all parties of his/her decision.

¹Students enrolled in colleges other than the School of Business may take a maximum of 25 percent of their coursework for credit in the School of Business. Up to nine hours of lower division courses in economics are exempt from this rule.

²Unless specifically authorized by the student's dean, a student who has earned one-half of the credits required for a degree at a two-year college may not use in fulfillment of degree requirements additional credits earned in a two-year college not in the LSU System. (See also "Admission by Transfer.")

No degree, whether honorary or earned, is conferred except by vote of the Board of Supervisors upon the recommendation of the University or the faculty of the recommending college.

Degrees are granted at the end of each regular term and at the end of the summer term.

GENERAL EDUCATION REQUIREMENTS

While the student who earns a baccalaureate degree at LSUS will have specialized in a major field and pursued personal interests in elective studies, the pursuit of a degree would have been incomplete without a foundation in the common knowledge that unites us in our humanity.

The subject distribution requirements below provide that foundation and are integral to every degree program at LSUS.

They encourage the student to

- Communicate information, thoughts, and viewpoints effectively through oral, written, and graphic forms of expression.

- Think critically, logically, ethically, and creatively and make connections across the disciplines.
- Access, analyze, and ethically utilize information through available technologies.
- Assimilate and interpret the diversity and complexity of human cultures as expressed through literature, history, fine or performing arts, or language.
- Use acquired facts, concepts and principles of the sciences to draw logical and valid conclusions.
- Assimilate and interpret human behavior and the global interrelationships of modern political, economic, behavioral and social institutions.

GENERAL EDUCATION COURSE REQUIREMENTS

The following minimum course requirements must be satisfied by any student awarded a baccalaureate degree. Equivalencies to the approved courses require permission of the student's Dean. Any exceptions require permission from the Vice Chancellor of Academic Affairs.

I. ENGLISH COMPOSITION (6 hrs.)

- Approved courses: English 105, English 115

II. SOCIAL AND BEHAVIORAL SCIENCES (6 hrs.): Students must take two courses from two different disciplines. At least one course must be above the freshman level.

- Approved courses: Economics 201, 202; Geography 105, 106, 251, 252; Political Science 101, 151, 256; Psychology 152, 206; Sociology 105, 107, 142, 255.

III. MATHEMATICS (6 hrs.): No course below the level of college algebra meets this requirement.

- Approved courses: Math 121, 122, 124, 127, 150, 221, 222, 260.

IV. NATURAL SCIENCES (9 hrs.): Students must take a two-course sequence in either the **biological sciences** or the **physical sciences**. The remaining hours must be selected from the other area.

- Approved **biological sciences** courses for non-Science majors:
 - Single course: Biology 101.
 - Sequence: Biology 101 and either 105 or 106 or 107 or 108 or 109.
- Approved **biological sciences** courses for Science majors:
 - Biology 110, 120
- Approved **physical science** courses:
 - Single course: Astronomy 105 or Chemistry 106 or Geology 105 or Geology 106 or Physical Science 105 or Physical Science 106 or Physics 251.
 - Sequences for the non-science major: Astronomy 105 and 106; or Chemistry 110 and 112; or Geology 105 and 106; or Physical Science 105 and 106.
 - Sequences for the science major: Chemistry 121 and 124; or Physics 261 and 262.

V. HUMANITIES (9 hrs.): Students must take three different courses, one from each of the three groups below:

- A. Public Speaking (3 hrs.)
Approved course: Communications 135
- B. Humanities (socio-cultural) (3 hrs.)

Approved courses: English 205, 210, 215, 220, 301; French 201, 205; History 105, 106, 107, 145, 146; Mass Communications 115; Spanish 201, 205; Philosophy 105, 250.

C. Humanities (3 hrs.)

Approved courses: English 205, 210, 215, 220, 226, 301, 325, 326; French 201, 205; History 105, 106, 107, 145, 146; Mass Communications 115; Spanish 201, 205; Philosophy 105, 250.

VI. FINE ARTS (3 hrs.): Students must take one course from the options below.

- Approved courses: HPE 112, 125, 141; Communications 260, 261; Fine Arts 100, 140, 221, 240, 241; Music 120, 260.

VII. COMPUTER AND INFORMATIONAL LITERACY: Determined by each college.

VIII. INTERNATIONAL EDUCATION: Determined by each college.

Total General Education hours: 39

FRESHMAN SEMINAR: *Required of all first-time freshman, and all transfer students with fewer than 30 total semester hours of credit.*

Approved courses: FS 101 (CBA majors); FS 102 (CEHD majors); FS 103 (CLA majors); FS 104 (CS majors),

GENERAL EDUCATION ASSESSMENT

To ensure that LSUS graduates have acquired the previously stated list of competencies, LSUS will assess two of the six competencies each year. The entire general education program will be assessed in a three year cycle using a variety of assessment methods.

DEGREE COMPLETION

Major Field Mastery

Each student receiving the bachelor's degree from LSUS must satisfactorily demonstrate mastery of a major field as defined by the faculty in that field. For many degrees, the student must take a major field achievement test.

Requirements for a Second Bachelor's Degree

In order to qualify for a second bachelor's degree, regardless of whether the first was granted by LSUS or by some other college or university, the candidate must earn at least 30 term hours beyond those counted in fulfilling previous degree requirements. The candidate must also fulfill all department and college requirements for the second degree.

Catalog Use

The University catalog prescribes the requirements for each degree. The catalog is published annually and becomes effective at the opening of the summer term. (See also "UNIVERSITY REGULATIONS.") A student must meet all the requirements for a degree outlined in an issue of the catalog in effect during the student's continuous residence at the University. A student whose study has been interrupted for 12 consecutive months may not elect a catalog earlier than the one in force at the time of re-entry. A student changing from one curriculum to another may not elect to follow a catalog in force earlier than the date

on which the change is made. A student may not elect a catalog more than 10 years old unless the appropriate dean gives permission.

Student Responsibilities

Close adherence to the curriculum will assure that students complete all general degree and major requirements within the normal four-year period. The student should know all the requirements of the degree program and should consult with the faculty adviser when necessary. Each student is held responsible for knowing degree requirements, for enrolling in courses that fit into the degree program, for taking courses in the proper sequence to ensure the orderly progression of work, and for knowing University regulations regarding the standard of work required to continue in the University, as well as the regulations on scholastic probation.

Requirements for Multiple Majors

A student who wishes to increase career options by demonstrating broader education than is normally suggested by a single major may earn a degree with two majors. The two majors may be in the same or different colleges as long as

1. all general baccalaureate degree requirements are fulfilled;
2. all requirements for each separate major are fulfilled;

3. the dean of the college in which the degree will be granted approves; and
4. the dean of the other college approves.

All requirements for multiple majors must be completed before both degrees are conferred at one commencement. If a student completes requirements for only one major and graduates with that degree, he/she will be required to go into a second degree program to complete requirements for the second degree. ***Second baccalaureate degree programs require a minimum of 33 additional term hours of course work.***

The student's transcript will show each major completed. For a list of majors at the University, see "ACADEMIC PROGRAMS."

Degree with Honors

The baccalaureate degree is awarded with honors to students who earn a minimum of 60 term hours of credit at LSUS and who maintain a high grade point average. To be eligible for honors, students must have a grade point average, including course grades eliminated through the Repeat/Delete option and the Bankruptcy Policy, that falls within the ranges shown below, both for courses taken at LSUS and for all courses:

<u>Honor</u>	<u>Grade Point Average</u>
summa cum laude	3.90 to 4.00
magna cum laude	3.70 to 3.89
cum laude	3.50 to 3.69

Students may graduate with honors as many times as they meet the requirements.

REGENTS' CERTIFICATE OF EXCELLENCE

In the spring of 1986 the Louisiana State Board of Regents authorized the awarding of a Certificate of Excellence to those graduating students who have successfully completed more than the minimum general education courses and who have completed all requirements for the degree with a grade point average of 3.0. The student who wants to earn this certificate should take the following additional courses in general education:

Sciences (2 additional hours of laboratory)

Two-term science sequence should be met by taking courses required for majors including laboratory courses.

Humanities (6 additional hours)

Six credit hours of a foreign language above the introductory level must be a part of the total 15 hours of humanities.

SCHOLASTIC REGULATIONS

Scholastic regulations embody the academic standards of a University. The following regulations are directed toward upholding the standards of this University, specifically by requiring satisfactory academic progress. Continuation of students who lack the necessary ability, preparation, industry, or maturity is inconsistent with the purposes and responsibilities of the University. See "GRADUATE STUDIES" for regulations that apply to graduate studies.

ACADEMIC STATUS

There are three categories of academic status for undergraduate students: academic good standing and eligible to be enrolled; academic probation and eligible to be enrolled; and academic suspension and not eligible to be enrolled. Each student is responsible for knowing his/her academic status at the end of each enrollment period.

Academic Good Standing

Undergraduate students are expected to achieve and maintain an overall (cumulative) grade point average of at least 2.0 on all college work attempted. Students are considered to be in good standing as long as they are eligible to be enrolled; therefore, students on academic probation are considered in good standing since they are eligible to be enrolled.

Academic Probation

With the exception of a student's first semester of enrollment at LSUS, an undergraduate student will be placed on academic probation whenever the overall undergraduate grade point average is below a 2.0. A student will remain on academic probation until an overall grade point average of 2.0 or higher is achieved. A student on academic probation will be suspended from the University at the conclusion of a semester in which a semester grade point average of less than 2.0 is earned. Once an overall grade point average of 2.0 is achieved, the student will be considered to be in academic good standing.

Students placed on academic probation may be subject to restrictions on the number of hours that can be taken while on probation. A student should consult his/her academic Dean's office regarding specific restrictions for each college.

Academic Suspension

Undergraduate students on academic probation will be suspended following any semester in which a semester grade point average of less than 2.0 is earned. The suspension period for first and second suspensions will be one semester (fall, spring, or summer). For example, a student suspended for one semester following the spring will be eligible to re-enroll in the fall; a student suspended for one semester following the summer will be eligible to re-enroll in the spring, and a student suspended for one

semester following the fall will be eligible to re-enroll in the summer. The length of all subsequent suspensions will be one calendar year.

Students on academic suspension will be subject to the following restrictions:

1. Students on academic suspension may not apply any credits earned elsewhere during the period of suspension towards a degree at LSUS.
2. A student on academic suspension may register to audit LSUS courses only with the approval of the Dean of his/her college.
3. After sitting out the period of academic suspension, students must reapply for admission into LSUS (students suspended following the spring semester will not have to reapply if enrolling for the subsequent fall semester). Students admitted following a period of suspension will be placed on academic probation for the semester for which they first enroll.

Appeals

A student on academic suspension for the first time may petition the Dean of his/her college to enroll under Conditional Readmission.

Suspensions may be appealed to the Admissions and Standards Committee. A student who feels that he/she has some basis for such an appeal should see the Dean of his/her college to initiate the process.

Conditional Readmission

A student who is placed on academic suspension for the first time may petition the Dean of his/her college to enroll under Conditional Readmission. Readmission, if approved, will be based on the following conditions:

- ❖ Enrollment is limited to no more than six hours, unless approved by the Dean of the student's college.
- ❖ Approval restricts enrollment to coursework at LSUS.
- ❖ Such readmission is noted on the academic record.

A student not making at least a 2.0 GPA during the semester in which Conditional Readmission is granted will be suspended for a second time.

ORIGINALITY OF WORK

In all academic areas it is imperative that work be original or that explicit acknowledgment be given for the use of other persons' ideas or language. Students should consult with instructors to learn specific procedures appropriate for documenting the work of others in each field. Students are required to purchase Understanding Plagiarism and must use it throughout their academic career. Breaches of academic honesty can result in disciplinary measures ranging from lowering of a grade to permanent compulsory expulsion from the University. (See "LSUS Student Handbook" for additional information.)

ACADEMIC BANKRUPTCY POLICY

The undergraduate student who has not been enrolled in a college or university for three consecutive years may elect, only once, to deny all work attempted at all colleges or universities prior to the three-year period. The three-year period need not immediately precede the exercise of this option. This work will appear on the student's permanent record but will not be used in computing the grade point average.

The student must apply for and declare academic bankruptcy for credit courses in the Admissions and Records Office at the time of application for admission or readmission to LSUS or within one calendar year from the first day of enrollment or re-enrollment. The declaration must be completed prior to the deadline for resigning from

the University in the semester in which it is made. A decision to declare academic bankruptcy is irreversible. The student's record will not be altered to reflect academic bankruptcy until after the student has enrolled in the University.

Students should be aware that not all colleges and universities recognize academic bankruptcy policies of another institution, and may consider all courses previously attempted when determining admissibility or establishing a transfer grade point average. LSUS will consider all grades, including those for courses bankrupted, in awarding degrees with honors.

CLASS ATTENDANCE

Students at LSUS are expected to give their scholastic obligations first consideration. Students should not schedule classes that conflict with their employment and should come to class regularly and punctually. An absence, avoidable or unavoidable, does not relieve the student from responsibility for coursework.

1. Reporting of absences by faculty. An instructor will report excessive absences to a student's dean when the absences may cause failure in the course or lower the student's course grade.
2. Consequences of excessive absences. The student's dean will endeavor to determine the reasons for the student's absences. After consulting the instructor, the dean may advise the student to withdraw from the class or to attend class regularly. Continued nonattendance does not constitute a formal

withdrawal from a class and will result in a non-rescindable "F" grade.

3. Absences for authorized events. An authorized event is a University sanctioned activity in which the student is representing the University. A student who will miss class for an authorized event must arrange for missed assignments or exams with each instructor. If the instructor has a concern about the event or questions make-up work, the student must contact the university official in charge of the event, who will secure written approval from the student's dean. Students are permitted to make up exams or assignments missed for participating in authorized University events. Arrangements for make-up work must be made with the instructor before the event.

FINAL EXAMINATIONS

Final examinations are required in all courses and are given in accordance with the schedule issued by the Academic Affairs Office. Any exception to this requirement must be approved by the Vice Chancellor for Academic Affairs.

A student absent from a final examination because of illness or other valid reason may take a special examination upon the approval of the student's dean. The responsibility for notifying the dean's office rests with the student.

A student with three or more exams in one day may petition through his/her Academic Dean to take only two exams on the same day.

GRADING PROCEDURES

Grading System

- A** The grade of “A” has a value of four quality points per semester hour of credit and is given for work of the highest degree of excellence.
- B** The grade of “B” has a value of three quality points per semester hour of credit and is given for work of a high degree of excellence.
- C** The grade of “C” has a value of two quality points per semester hour of credit and is given for satisfactory work.
- D** The grade of “D” has a value of one quality point per semester hour of credit and is given for passing but marginal work.
- F** The grade of “F” does not earn quality points. This grade is given for work failed.
- P** The grade of “P” means “passing” and is assigned for satisfactory scores on advanced standing examinations and for satisfactory completion (“C” or above) of courses taken on a “pass-no credit” basis. This grade does not carry quality points and is not used in computing official grade point averages.
- NC** The grade of “NC” means “no credit” and is assigned for unsatisfactory scores on advanced standing examinations and for unsatisfactory completion (“D” or “F”) of courses taken on a “pass-no credit” basis. This grade does not carry quality points and is not used in computing official grade point averages.
- I** The “I” means “incomplete” and is given for work that is of passing quality but, which because of circumstances beyond the student’s control, is not complete. An instructor may consider an “I” only with written authorization from the student’s dean. It is the responsibility of the student to initiate the action. *Unless the student completes the requirements for removal of an “I” within 60 days from the end of the semester in which it was received, the “I” will be converted to “F”.* If the student’s circumstances preclude removal of the “I” by that time, the student or the instructor may, before the deadline, petition the dean for an extension of sixty days.
- X** The “X” means, “audit” and indicates that the student enrolled for no credit.
- IP** The “IP” means “in progress” and is assigned for thesis or final-project work begun but still to be completed.

- W** The “W” is assigned when a student withdraws from a course or resigns within the allowable time (see the “ACADEMIC CALENDAR”).

Numerical Expression of Letter Grades

For purposes of converting numerical grades on student transcripts from other institutions to LSUS letter grades, the following scale is used: A, 93-100; B, 85-92; C, 77-84; D, 65-76; F, failure, below 65. This scale is not to be construed as the grading scale for courses taken at LSUS.

Pass/No Credit Option

Details regarding the pass/no credit option are contained within individual college requirement sections of this catalog. Additional information may be obtained from the office of the student's dean.

In addition to this elective option, certain courses grade all students on a pass/no credit basis. Such courses are identified in the lists of undergraduate and graduate courses in this catalog.

Repeated Courses

A student may repeat a course for which a grade has been previously earned, and all courses pursued, including all repeated courses, are recorded on the transcript using this legend:

- T = Prior Attempt(s)
- R = Last Attempt
- A = Bankruptcy
- M = Course may be taken multiple times for credit

However, when a student repeats for credit a course previously taken, only the last grade determines acceptability of the course for degree credit. Consequently, if a grade of F is earned when the course is repeated, the prior credit is lost. Except for courses which are designated as “repeat for credit,” a course may be counted only once in the total hours for a degree. All grades earned in the course are used in computing the grade point averages (semester, LSUS, and cumulative); however, degree credit may be awarded only for the last repeat.

If a course number or title changes, the Chair of the Department and the Dean of the College offering the course must approve a request to repeat. *See the “GRADUATE STUDIES” section of this catalog for regulations regarding repeated graduate courses.*

WARNING: Upon presentation of an LSUS transcript to another institution for evaluation, it is the prerogative of that institution to include or exclude repeated courses in the calculation of the GPA. The inclusion of previously excluded grades of repeated courses generally lowers the GPA. This is of particular importance to students making application to graduate studies or professional schools.

Repeated course policies from other colleges and universities are not recognized by LSUS.

Note: The LSU School of Allied Health Professions does not share this policy. Transferring students should consult an Allied Health adviser for details.

Repeatable Courses

Courses may not be repeated for additional credit unless the catalog course description specifies that the course is repeatable. This is not to be confused with retaking a course for which a grade has been earned. (See “*Repeated Courses*.”)

ACADEMIC RECORDS

Grade Reports

Final grades are available online via the Internet at www.lsus.edu/compass on the Saturday following the grade due date.

Honor Lists

Each semester LSUS honors full-time undergraduate students whose semester averages are at least 3.5 (Dean's List) or 3.8 (Chancellor's List).

Transcript of Record

A student may obtain an official transcript provided there are no financial obligations to the University. The transcript request must be signed by the student and submitted at least two days prior to issuance of the transcript. Official transcripts may also be requested on the web using COMPASS (www.lsus.edu/compass). Transcripts are not issued for seven working days following the end of a semester. *If the official transcript is not received by the other institution within thirty days, an official transcript may be re-issued and mailed to the institution to which it was originally sent.* Unofficial transcripts can be viewed and printed via COMPASS.

Appeals of Final Grades Assigned in Courses

A student must initiate a written appeal within 30 days after the beginning of the next regular semester (i.e., fall or spring, exclusive of summer), and the appeal must be based clearly on alleged instructor prejudice, bad faith, capricious action, or similar reason. Neither a lower than expected grade nor the alleged difficulty of a course or test warrants an appeal. If the faculty member who assigned the grade being appealed is an academic administrator then that faculty member is excused from the decision making process after Step A. A replacement will be appointed ad hoc by the Chancellor, or if the Chancellor is the teacher, by the Vice Chancellor for Academic Affairs.

A. A student who has a question about a final grade must discuss the matter with the faculty member before initiating an appeal. The formal appeal process begins when the student presents to the faculty member a completed, signed, and dated Student Appeal Form,

available in departmental offices, including copies of all pertinent documentation, requesting the faculty member to reconsider a final grade. The faculty member must respond in writing within three working days, regardless of the outcome. Clerical errors must be corrected as soon as possible by appropriate action.

- B. If the student and faculty member do not resolve the matter, and the student wishes to pursue the appeal, the student will ask the faculty member to forward the Student Appeal Form to the chair of the department in which the course was taught. Within three working days after the faculty member's written response, the student will make a written request to the chair of the department in which the course was taught, for a meeting of the chair, the faculty member, and the student. The request will clearly state the purpose of the meeting, the faculty member's name, and the areas of disagreement. The chair will confer with the student and the faculty member in an effort to reach an agreement. If an agreement is reached, all three parties will initial the statement of agreement.
- C. If the student wishes to appeal further, he or she should ask that the chair forward all documents to the dean of the college in which the course is offered. Within three working days of the meeting with the chair, the student must submit a written appeal to the dean, summarizing the points of disagreement with the chair. Upon receiving the appeal, the dean must, within three working days, forward copies to the chair and faculty member concerned, who may reply, within three working days, with individually written statements supporting their previous actions. Copies of any written replies must be forwarded to the student. When replies from the chair and faculty member have been received, the dean will meet, within three working days, with the student, faculty member, and chair in an effort to reach an agreement.
- D. If the agreement is not satisfactory to the student, the faculty member, or the chair, the dean will refer the appeal to an ad hoc committee appointed by the Dean

from within the college. The ad hoc committee will be composed of three faculty members (no more than two from the same department) and two students who will be voting members. The dean will designate a chair for the committee but should make no prejudicial statements to the committee or the chair. The committee will hold a hearing with the department chair, the faculty member, and the student. After deliberation, the committee will make its recommendation in writing to the dean. Within 30 calendar days after receiving the student's appeal, the dean must make a written decision, listing the reasons supporting the decision. Copies must be given to all parties, to the Vice Chancellor for Academic Affairs, and to the student's dean.

- E. If any party to the appeal believes that a serious procedural error in the appeal occurred, or that there was an abuse of discretionary authority in reaching the decision, a written petition for review may be filed with the Vice Chancellor for Academic Affairs. This petition, which must be filed within five working days after receiving the dean's decision, must contain a complete statement of the alleged serious procedural error or examples of abuse of discretionary authority and also must contain reasons for the relief requested. Copies of all documents produced in the appeal must accompany the petition. Copies should be sent to all parties to the appeal and to the student's dean. The Vice Chancellor for Academic Affairs will decide

within ten working days after receiving the petition whether further action should be taken. In reaching this decision, the Vice Chancellor may ask other parties to the appeal to make a written reply to the request for a review; or these parties, on their own, may make a written reply. If the decision is reached that a review is not justified, the student and all other parties, including the student's dean, will be notified. If the Vice Chancellor for Academic Affairs decides to respond favorably to the petition for review, a formal meeting will be held with all parties. Based on discussions at this meeting, as well as on all written materials furnished, the Vice Chancellor for Academic Affairs will reject or affirm the decision already made. Once a decision is reached, the Vice Chancellor for Academic Affairs will notify all parties and the student's dean of the decision. If, at any stage in the process, a decision requires change in an official university record, the faculty member must comply with all university regulations and procedures necessary to accomplish the change. The decision of the Vice Chancellor for Academic Affairs shall conclude the matter.

Information regarding additional student appeals and the Code of Student Conduct can be located in the [LSUS Student Handbook](#). For further information contact the Office of Student Affairs 318.797.5116.

UNIVERSITY REGULATIONS

Students are responsible for knowing the University's regulations and procedures. Before changes appear in the catalog students may be notified through the student newspaper, email to LSUS students email account, bulletin board, direct mailing, or other appropriate means. Changes become effective whenever the proper authorities so determine. (See also "*Baccalaureate Degree: Requirements.*") Advisers, department chairs, deans, and others will explain requirements, but each student is responsible for fulfilling them. In no case will a regulation be waived or an exception granted because a student pleads ignorance of the regulation.

For the special rules and regulations pertaining to graduate study, see "GRADUATE STUDIES."

CLASSIFICATION

The student is classified according to the year of study at the beginning of each semester or summer session with revisions made as necessary at the end of each semester or summer session. Classification is based upon the number of credits earned as a full-time or part-time student.

- Freshman** A student with less than 30 semester hours of credit,
Sophomore A student with at least 30 and less than 60 semester hours of credit,
Junior A student with at least 60 and less than 90 semester hours of credit,
Senior A student with at least 90 semester hours of credit.

The student may also be classified as full-time or part-time or as an auditor.

Full-Time Students

Undergraduate students enrolled for 12 or more hours of resident credit in a regular semester or 6 or more hours of resident credit in a summer session are considered full-time. For "financial aid recipients" full-time undergraduate status is defined as 12 or more hours in summer, fall or spring semesters. For full-time graduate students see "GRADUATE STUDIES."

Candidates for graduation may opt to be classified as full-time in the semester or summer session when scheduled to complete degree requirements, even though the number of hours scheduled is less than ordinarily

required for the classification. In no case will this option exempt students from a college's residence requirement.

Part-Time Students

Students who do not meet the full-time qualification are classified as part-time. Part-time students are subject to all University rules concerning registration, attendance, scholarship, and conduct. For "financial aid recipients" half-time undergraduate status is defined as 6-11 hours for summer, fall, or spring semesters.

Auditors

Students who do not want credit may enroll in courses as auditors. Auditors are not required to complete written or reading assignments or to take examinations. However, they are expected to attend classes and are assigned grades of X or W at the end of the semester, depending on whether they have met the instructor's attendance requirements. Auditors are also required to pay full tuition and resident fees and are responsible for confirming their audit status with the Admissions and Records Office. Audited courses appear on the students' permanent record. Auditing a course does not prevent students from later taking it for credit; however, they may not take departmental credit examinations in courses previously audited.

Changes from audit to credit must be made by the last day to add courses for credit; credit-to-audit changes may be made through the date published in the Academic Calendar.

OFFICIAL REGISTRATION

The appearance of students' names on the class roster is evidence that they are registered in a class. No student may remain in a class unless the instructor has received this evidence.

In unusual circumstances students may register after the final date shown on the Academic Calendar but only with the approval of their dean.

Concurrent Registration

With the dean's prior written approval, students may receive credit at LSUS for work taken concurrently at another college or university, normally when the courses at the other institution are not readily available at LSUS.

With appropriate approval, students taking 12 non-developmental hours each semester, including summer, and in good standing may take one course each semester at Southern University/Shreveport-Bossier City (SUSBO) for no additional tuition. Additional information may be obtained from the Admissions and Records Office.

Identification Cards

Student identification cards are issued at the following rates:

- ♦ Original Card--there is no charge for the original (first) card.
- ♦ Replacement Card--There is a fee for the replacement (subsequent) card.

The ID card is the property of LSUS and must be returned when a student graduates, resigns, or does not re-enroll. A card cannot be loaned to another person for any reason. Fraudulent use of an ID card results in disciplinary action.

SCHEDULE CHANGES

Adding Courses

Classes may be added for credit in accordance with dates indicated on the Academic Calendar. In some instances approval may be required to enroll in a class.

Dropping Courses

Any course may be dropped in accordance with the dates indicated on the Academic Calendar. No record is maintained of courses dropped during the first three weeks of the semester (the first seven days of a seven-week summer session). During the next seven weeks, a W (withdrawal) is assigned for courses dropped. See the Academic Calendar for the summer split-semester schedule. During the final five weeks, no withdrawal is permitted except as authorized by the student's dean in unusual circumstances. In such a case, a W will be assigned for the coursework.

Dropping and adding courses after the first week of school may result in additional charges. The refund on any course(s) you drop will be calculated according to the official refund policy in effect when you drop the course: 100% during the first five days of class; 60% for the 6th through 10th day of class; 40% for the 11th through 18th day of class. (Prorated for Summer.)

Changing Sections

Section changes may be made utilizing the drop/add process if openings exist in the class section desired. Such changes must be made by the final date for adding courses for credit as indicated on the Academic Calendar. In unusual and extenuating circumstances a student may be permitted to change sections after this date upon approval of the appropriate dean.

Curriculum Changes

A curriculum (major) change is made by obtaining the approval of the appropriate college dean. If the change involves transfer to another college, the approval of both deans concerned must be obtained.

Resigning from the University

A student may resign at any time before the final date for resigning (See the "ACADEMIC CALENDAR"). A grade of F is recorded for a student who leaves the University after this date. Students may resign by dropping all of their courses via COMPASS (www.lsus.edu) and completing the resignation survey.

No record is maintained of courses carried when a student resigns during the first 14 class days of the semester (the first 7 days of a seven week summer session). During the next seven weeks (the next 16 class days for a summer session), a W (withdrawal) is assigned for coursework when a student resigns. During the final five weeks (the final 12 class days for a summer session), no resignation is permitted, except as authorized by the student's dean in unusual circumstances. In such cases, a W is assigned for the coursework. Time allowances for the summer split-session are prorated.

If a student has been charged with a violation of the Student Code of Conduct, he or she may not withdraw from any class related to the charge; register for additional classes or for a subsequent semester or semesters; receive official grade reports; obtain official copies of his or her academic record or enrollment verification; or graduate until all disciplinary proceedings are completed.

Credits and Semester Hours

The value of each course of instruction and the amount of work required for graduation are stated as semester hours.

MAXIMUM AND MINIMUM ACADEMIC LOAD

Fall and Spring Semesters:

The minimum full-time load is 12 semester hours. A full time student's normal schedule ranges between 12 and 19

hours. With the dean's approval, a student who has maintained an average of 3.0 may register for more than 19 semester hours; however, the maximum load is 21 hours.

A student whose record shows inadequate preparation for college work (placement in one or more Developmental Education courses) may not register for more than 15 hours; 12 hours would be preferable.

Summer Session:

A student enrolled during the summer sessions may register for a maximum of 12 hours of credit. Six non-developmental semester hours is the minimum full-time load for Sessions 1A and 1B. Students enrolled in Session 1 only may take only 9 hours.

CREDIT BY EXAMINATION

A student with superior ability and preparation or a student who has already obtained a fundamental knowledge of subjects offered at the University and who demonstrates competence through a series of tests may be granted credit for basic and advanced courses and go on to higher levels of learning. These examinations are graded on a pass-no credit basis. Grades of P are entered on the student's record but are not used in computing grade point averages. LSUS uses the following examinations for determining credit:

The American College Testing Program (ACT)

Students may be awarded credit in English and/or math based on ACT scores under the following guidelines:

ACT English 28+	Credit awarded for English 105
ACT English 32+	Credit awarded for English 115
ACT Mathematics 26+	Credit awarded for Math 121
ACT Mathematics 30+	Credit awarded for Math 150

The ACT examination is given five times a year--October, December, February, April, and June--at test centers on college campuses and at high schools. ACT must receive applications for tests approximately one month in advance of the test date.

Detailed information and application forms may be obtained from high school counselors from the University's Counseling Center or from the American College Testing Program, P.O. Box 808, Iowa City, Iowa 52243, or visit their website at www.ACT.org.

College Entrance Examination Board Tests

Application forms and information about the following programs can be secured from the Educational Testing Service, Box 1821, Princeton, New Jersey 08540:

Advanced Placement Program--The student who submits an official score report demonstrating a score of three, four or five to the Admissions and Records Office may be given credit in the appropriate course(s). These examinations are given at high schools participating in the Advancement Placement Program of the College Entrance Examination Board.

College Level Examination Program (CLEP): Subject OR General Examinations

The student who submits official scores earned on tests under either of these programs to the Admissions and

Records Office will have the scores referred by that office to the appropriate department of the University for a decision regarding credits.

Center for Business and Economic Research (CBER) administers the computerized CLEP tests at LSUS in the Business and Education Building, Rm 119. Currently the College of Business, Education and Human Development and the College of Arts and Sciences at LSUS accept CLEP scores as credit in their respective programs provided passing grades are earned. For more information and to schedule an appointment, call the CBER at 797-5187. Additional information on the CLEP tests is available on the CBER web site: www.LSUS.edu/cber.

The LSUS College of Business, Education and Human Development offers a Departmental Proficiency Exam for Information Systems and Computer Applications (ISDS 150) for students with computer background and experience. The fee for this exam is \$10. Contact the Department of Management/Marketing for additional information: 318.797.5017.

LSUS Departmental Examinations

A student who has been admitted to the University and is in good standing may request a departmental examination by obtaining permission of the dean of the student's college, the chair of the department offering the course, and the instructor. After such permission is granted and the non-refundable \$10 fee is paid, the student may take the exam. No fee is required for an examination taken prior to midpoint of the first semester in which a first-time freshman is enrolled. If an examination is taken while the student is not enrolled in the University, credit shall be granted only after registration for residence study.

Policies and regulations, which apply to departmental examinations, are as follows:

1. A student may take a departmental examination only once in any course.
2. A student may not schedule a departmental examination in a course that was previously audited, withdrawn from (W), or in which an unsatisfactory grade (D, F, or NC) was received (except when the course was involved in a bankruptcy declaration).
3. A student may not schedule a departmental examination in a course not taught at LSUS.
4. A student may not schedule a departmental examination when LSUS is not officially in session.
5. A student who is or was enrolled in a course during the current semester and desires to take a departmental examination in that course must take the examination during the first 20 days of classes (the first 10 during a summer session).

OTHER CREDITS

Credit for Military Educational Experiences

Credit for formal service-school courses is determined in accordance with the recommendations of the American Council on Education as published in the Guide to the Evaluation of Educational Experiences in the Armed Services. However, the University's policy is to award credit for lower- and upper-level courses. The student desiring credit for such courses must submit official records of completion of the courses to the Admissions and Records Office after earning 12 credit hours at LSUS. The student's dean will determine the extent to which the credit is applicable toward the degree.

Credit is also allowed for USAFI/DANTES correspondence courses. (See "*Maximum Use of Credits: Examination, Military Correspondence, Extension.*")

Credit is not allowed for tests of the General Educational Development (GED) Testing Program, for USAFI/DANTES self-teaching and group-study courses, or for time spent on military duty.

Credits for Correspondence and Extension Courses

Undergraduate credit may be earned through correspondence or extension courses offered through the

Division of Continuing Education and Independent Study at Louisiana State University in Baton Rouge or through accredited extension divisions of other universities. Students who desire to use the credit in meeting degree requirements at LSUS must obtain, in advance, written permission of their dean.

Maximum Use of Credits: Examination, Military, Correspondence, Extension

Credits earned by examination, or by military correspondence, and extension courses cannot be used to reduce the University's minimum residence requirements. The following maximums apply to the use of such credits toward fulfilling degree requirements:

1. No more than 62 credits from a combination of credits by examination, military educational experiences, correspondence courses, and extension courses.
2. Of the 62 credits, no more than 32 credits from a combination of correspondence (including USAFI/DANTES courses), extension courses, and military educational experiences.
3. Of the 62 credits, no more than 18 credits for the General Examinations of College-Level Examination Program.

STUDENT INFORMATION

Address or Name Change

At the time of admission, students must give their legal name and current mailing address. If a student's name changes, s/he must immediately notify the Admissions and Records Office and provide appropriate supporting documentation for a name change so the University's official records may be changed. Information regarding acceptable documentation may be obtained from the Admissions and Records Office. Address and telephone number changes should be made via the web at www.lsus.edu/compass. The student is responsible for all communications sent to the address currently on file in the University offices.

Family Education Rights and Privacy Act

In Accordance with the Family Education Rights and Privacy Act, post-secondary students enrolled at LSUS have the right of access to their official records as described in the Act. The Act further allows the University to release student directory information, unless the student asks that it not be released by completing a form in the Admissions and Records Office before the 14th day of classes during each regular semester or the seventh day of classes during a summer session.

A list of directory information and the University's Policy Statement regarding the Act may be obtained from the Admissions and Records Office or the LSUS Student Handbook.

Sexual Harassment

Sexual harassment is a form of unlawful sexual discrimination. For the purposes of University policy, sexual harassment is defined as unwelcome verbal or physical behavior of a sexual nature. A man as well as a woman may be the victim of sexual harassment, and a woman as well as a man may be the initiator. The victim may be of the same sex as the initiator.

More specifically, sexual harassment is any unwelcome sexual advance, request for sexual favors, or other verbal or physical conduct of a sexual nature when:

1. Submission to such conduct is an explicit or implicit semester or condition of employment or academic success;
2. Submission to or rejection of such conduct is used as the basis for an employment or academic decision that has the purpose or effect of:
 - a. Unreasonably interfering with an individual's work or academic performance, or
 - b. Creating an intimidating, hostile, or offensive work or academic environment.

Additionally, sexual harassment may also include repeated, unwelcome sexual flirtations, advances or propositions, continued or repeated verbal abuse of a sexual nature, graphic or degrading verbal comments about individuals or their appearance, the display of sexually suggestive objects or pictures, or any offensive, abusive physical conduct.

Policy Statement

The University is committed to maintaining a community free from all forms of sexual harassment. No employee, student, applicant for employment, or other person will be subjected to unsolicited and unwelcome sexual conduct, either verbal or physical. Sexual harassment violates University policy as well as state, federal, and local laws. It is neither permitted nor condoned, but specifically prohibited.

It is a violation of this policy for any employee or student at the University to attempt in any way to retaliate against a person who makes a claim of sexual harassment. Any individual who violates the University's policy against sexual harassment will be subject to disciplinary action, up to and including termination. Such determinations will

be made case by case, considering the severity of the offense.

Students who feel that they have been victims of sexual harassment should contact any faculty or staff member, department chair, or dean. Any individual so contacted should immediately notify the Human Resources Office. If this process is not a viable option or does not result in appropriate action, complaints should be addressed to the Vice Chancellor for Academic Affairs or for Student Affairs.

If sexual harassment is determined to have occurred, correction of the situation will be prompt and without retaliatory measures against the person.

Students who believe they have been denied any service or benefit because of sexual harassment should contact the Title IX Coordinator for Students, in the Dean of Student Affairs office located on the second floor of the Administration Building in Student Affairs, 318.797.5116.

Sex Discrimination

Under the provisions of Part 106 of the regulation implementing Title IX of the Education Amendments of 1972, no person shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance. LSUS is committed to providing equality of opportunity to all students regardless of sex. Students who believe they have been denied any service or benefit because of sexual harassment should contact the Title IX Coordinator for Students, in the Dean of Student Affairs office located on the second floor of the Administration Building in Student Affairs, 318.797.5116.

Race Discrimination

Title VI of the Civil Rights Act of 1964 prohibits discrimination on the basis of race, color, or national origin under any program, activity, or service receiving federal financial assistance. LSUS is committed to providing equality of opportunity to all students regardless of race, color, or national origin. Students who believe they have been denied any service or benefit because of race, color, or national origin should contact the Dean of Students, second floor of the Administration Building (797-5116).

STUDENT LIFE

WWW.LSUS.EDU/STUDENTAFFAIRS

This section contains basic information regarding student life. The contents present a partial overview of student services, student organizations and publications. For more complete information, including additional policy information and the Student Conduct Code for which all students are responsible, please see the *Student Handbook* located at www.lsus.edu/studenthandbook.

STUDENT SERVICES

Orientation

The faculty and staff of LSUS are eager to help the student make a satisfactory transition from high school to college or from another college to LSUS. Student Orientation Advising and Registration (SOAR) provides entering freshmen specific information about the academic and social environment at LSUS while giving them a personalized head start in advising and registration. Transfer students complete an online orientation program, which provides information and resources to meet the unique needs of transfer students.

Counseling

Counseling services are provided through the Student Development and Counseling Center. The counselor's approach is to prevent major issues in the student's life from becoming problems that interfere with academic progress and counseling sessions may become personal growth experiences. Students may receive professional assistance in personal and educational concerns.

Assistance is provided through individual appointments, group counseling, educational workshops, seminars and self-help information. All counseling services are free.

Information on the ACT, NTE, and GRE is also available from this office.

For additional information or to schedule an appointment, contact the Student Development and Counseling Center at 318.797.5365.

Housing

Some of the nation's finest on-campus housing is available to the LSUS student. The University Court Apartments accommodates over 450 students in luxurious four-bedroom and efficiency apartments. Floor plans feature spacious living areas, private bedrooms with high-speed internet connection in every bedroom, and full-service kitchens. Amenities include an outdoor pool with poolside wireless internet access, Jacuzzi, sand volleyball court, a clubhouse with a big screen TV. An

academic environment coupled with an array of educational, recreational, and social programming, coordinated by an on-site residence-life staff, enhances the overall college experience for the LSUS student. For more information regarding University Court visit us at www.campushousing.com/lsus or call 318.797.8588. Come visit the Community offices at 8445 Youree Drive, tours are given daily.

Services for Students with Disabilities

The University assures students with disabilities equal opportunity for achievement as other students in the most integrated setting appropriate to the individual's needs. No qualified student shall be excluded from participation in, be denied benefits of, or otherwise be subjected to discrimination under any program or activity. Any student who is having problems or needs assistance should contact the Coordinator of Services for Students with Disabilities, located in the Student Development and Counseling Center, room 220 of the Administration Building, 318.797.5365.

Student Assistance

LSUS recognizes its responsibility to students with academic deficiencies or other special needs by offering courses and services to assist all students in achieving success in college. These courses and services include:

English 005 - Developmental Composition;
Mathematics 007 - Elementary Algebra;
Freshman Seminar – Learning Strategies for College Success;
Learning Lab (See below.) - tutorial assistance, computing assistance;
Counseling service - personal, educational, and career counseling;
Math Help Lab (See below.) - tutorial assistance.

A student needing assistance in any of these areas is advised and placed accordingly. See also *Developmental Education Program* elsewhere in this Catalog.

COMPUTER LAB AND TUTORIAL ASSISTANCE

To assist students in academic life, the University offers many computers labs located throughout the University along with several forms of tutoring.

The Campus Wide Lab

The Campus-wide Lab, located on the first floor of the University Center across from the theater (on the east side of the campus), is open weekdays, nights and limited hours on the weekend during regular terms. Operational hours are posted near the door. This lab, housing approximately 60 computers, provides Internet access, all standard software used in instruction and free printing. The Campus-wide Lab is only available for use by currently enrolled LSUS students.

The Tutoring Labs

Writing Assistance: The University Writing Center, located in Bronson Hall 114, does not offer a correcting service, a grading service or a "write-it-for-you" service. It does, however, have peer consultants who critique student writing. Students are encouraged, whatever the discipline or course of study, to bring rough drafts of papers to the center for assistance.

Math Assistance: Tutorial assistance for students currently enrolled in mathematics courses is available in the Math Help Lab, Bronson Hall 404. Students interested should ask their instructor about tutorial assistance.

This Tutoring Lab is open weekdays and nights and limited hours on the weekend in a regular term during hours posted on the door.

Accounting Department Tutoring

The Accounting Department within the College of Business, Education and Human Development provides tutors to assist students in accounting principles and intermediate accounting. Inquiry may be made through the course instructor or by visiting the department office located in the Business Administration-Education (BE) Building (Room 339B). A lab with computers and an accounting tutor is located in BE 204. Hours are posted on the door.

Tutorial assistance is available in departments other than those listed. All departmental assistance, however, depends largely upon the availability of student tutors. For this reason, schedules vary from term to term.

Ed Tech Lab

The College of Business, Education and Human Development maintains a state-of-the-art educational technology laboratory in Room 218 of the Business and Education Building. This Macintosh Laboratory is equipped with hardware and software for every purpose appropriate to preparing students for teaching in the K-12 schools. This includes technology to create print materials, compact discs, classroom multimedia presentations, and integrated technology products. Assistance is available by the laboratory director and student assistants.

Fine Arts Computer Lab

The Fine Arts Department maintains a small Macintosh computer lab in Bronson Hall 132, which is used by students in the field of graphic design. The lab houses Power Macintosh computers, zip drives, scanners, black and white printers and color printers. Typical software programs in this particular lab include QuarkXPress, Adobe Photoshop and Adobe Illustrator.

The Foreign Language Multimedia Center

The Foreign Language Multimedia Center houses two complete, complementary laboratory facilities including an audio lab with 24 stations for aural/oral listening and practice. The multimedia lab offers ten computers with CD-ROMs. Tutorial assistance is also available for foreign language students.

Tutorial Assistance for Veterans

Tutorial assistance is available for VA students enrolled at least half-time and having a deficiency in a particular academic subject. The student is invited to seek assistance through the Admissions and Records Office.

CAREER SERVICES

WWW.LSUS.EDU/CAREER - EMAIL: LSUS-CAREER@LSUS.EDU

From freshman year through graduation, students may participate in activities, services or events designed to compliment LSUS academic majors. The Career Services Office provides currently enrolled students with the tools and the preparation necessary for success outside the classroom. Students learn to develop career goals, how to identify potential career opportunities and how to utilize

job search and self-marketing strategies. Students may schedule appointments with one of the career professionals to discuss career development, career assessment and other career topics. The campus interview program, employer contact information and job opportunity resources assist students seeking permanent jobs and/or internships, and part-time jobs off campus.

LSUS Career Services provides currently enrolled students with comprehensive career services that include the following: career counseling, review of career documents such as resumes and cover letters, career workshops and information sessions presented by employers or career services professionals, two major career fairs, on-campus interviews with employers, part-time job and campus student employment listings, internship and summer camp information and listings and other career services. A Career Resources Library/Computer Lab is available for students in the Career Services Office.

The LSUS Career Pilot online career services site, hosted by the Career Services Office, allows currently enrolled students and alumni to post resumes for employers to view, schedule on campus interviews and view full-time, part-time and internship opportunities both locally and nationally. The professionals in the Career Services Office help smooth the transition from the world of academia to the world of professional employment.

Visit the LSUS Career Services Office located in room 230 in the Administration Building, call 318.797.5062, email lsus-career@lsus.edu or visit www.lsus.edu/career.

PERSONAL SERVICES

Police

Emergencies. In an emergency, University Police should be contacted at 318.797.5082 or 318.455.5497. An officer may also be contacted by pressing #999 from any LSUS phone, excluding the pay phones. LSUS emergency numbers are attached to each office phone on campus and on all phones located in the elevators. Medical emergency procedures are posted on bulletin boards in each building with names of persons to be contacted.

Emergency plans for tornado procedure and fire evacuation are posted in or near classrooms and offices of each building.

Lost and Found. Any student finding items belonging to someone else should take the articles to Lost and Found, located at the information desk on the first floor of the Administration Building. A student whose books or personal articles are missing should go immediately to the information desk and describe what has been lost. Articles that have been in storage for a considerable time will be donated to charities.

Intercollegiate Athletics

The Division of Business Affairs oversees Intercollegiate Athletics. The Office of Intercollegiate Athletics coordinates the LSUS varsity athletics programs. The LSUS Pilots compete in basketball and baseball and the Lady Pilots field a team in basketball and soccer. LSUS is a member of the Gulf Coast Athletics Conference, which is affiliated with the National Association of Intercollegiate Athletics (NAIA). The Pilots baseball program gained national recognition in 2003 when they made their first appearance in the NAIA World Series. The baseball team experienced another milestone this past season by winning their first conference championship. The men's basketball team has won back-to-back conference championships and garnered a #1 national ranking in 2005/06. The Lady Pilots soccer team began playing in 2005 and has experienced tremendous success.

In only their second year of competition, LSUS Lady Pilot's soccer team won a conference championship.

Recreational Sports

LSUS provides a comprehensive and varied program of both competitive and recreational sports for students, faculty and staff. The program includes competition in men's, women's and co-rec divisions for individual, dual, and team sports. In addition, Recreational Sports offers passive recreation, outdoor recreation, fitness and wellness programs including group exercise classes and wellness seminars. Schedules, registration and other information may be obtained on the second floor of the University Center, by calling 318.797.5393, or by accessing <http://www.lsus.edu/recsports>.

University Center

Facilities. The University Center (UC) features The Port (see below), the Campus Wide Lab, a grand ballroom, theater, art gallery, a game room with a TV lounge, meeting rooms, student organization lounge and an inviting lobby. The UC meeting rooms are available free of charge to registered student organizations. Contact the University Center at 318.797.5393 to reserve space or visit www.lsus.edu/uc.

The Port is located on the first floor of the University Center. The Port offers a wide variety of foods for breakfast, lunch and catering events.. The Port is sure to have just what students crave from garden fresh salads and hot soups to Starbucks Coffee. All food is prepared in our on-site kitchen, so you can be assured of the quality. Discover good eats at The Port. Visit us online for dining hours and menu information at www.lsus.edu/theport. *It's YOUR place to dock for good food.*

The **LSUS Bookstore** is located on the first floor of the Technology Center. The Bookstore's mission is to provide educational resources that are convenient and efficient at reasonable, competitive prices. The Bookstore provides

textbooks, school supplies, full-service Print Shop and other services to enhance the student's campus life. The store provides a wide variety of LSUS clothing and memorabilia to help students show their school pride. The Bookstore strives to provide exemplary customer service to all patrons. They also work to foster cooperative relations within the university community and provide services and resources for all university needs. Visit us online for store hours and other information at www.lsus.edu/bookstore. "The LSUS Bookstore is your Partner in Education".

The **Student Activities Board as LSUS** provides many of the social, entertainment, and cultural activities on campus. The Student Activities Board (SAB) sponsors events such as movie nights, coffeehouses, concerts and demonstrations, a Fall Fest, a Spring Fling, speakers, special events, and a variety of speakers. Membership on the Student Activities Board is available to all LSUS students. Contact the University Center Office or visit www.LSUS.edu/studentactivities.

ORGANIZATIONS

Students are encouraged to explore participation in any of the following clubs and organizations:

<i>Almagest</i>	<i>Kappa Sigma Fraternity</i>
<i>Alpha Epsilon Delta</i>	<i>Kinesiology, Health and Sport Science Club</i>
<i>Alpha Phi Alpha Fraternity</i>	<i>Lambda Pi Eta Honor Society</i>
<i>American Humanics</i>	<i>Louisiana Association of Educators – Student Program</i>
<i>American Marketing Association</i>	<i>MBA Student Association</i>
<i>Animation and Visual Effects Club</i>	<i>Math & Physics Club</i>
<i>Association of Information and Technology Professionals</i>	<i>Minority Association of Pre-Health Students (MAPS)</i>
<i>Association of Student Accountants</i>	<i>Navigators</i>
<i>Baptist Collegiate Ministry</i>	<i>Omega Psi Phi Fraternity</i>
<i>Bass Club</i>	<i>Open Source and Standards Advocates Club</i>
<i>Beta Beta Beta Honor Society</i>	<i>Phi Eta Sigma</i>
<i>Bible Fellowship on Campus</i>	<i>Phi Lambda Chi Fraternity</i>
<i>Biomedical Informatics Group</i>	<i>Phi Mu Sorority</i>
<i>Biological and Health Sciences Club</i>	<i>Psi Chi Honor Society</i>
<i>Campus Kappas</i>	<i>Psychology Club</i>
<i>Catholic Student Union</i>	<i>Rotaract Club</i>
<i>Chemistry Club</i>	<i>Society of Human Resources Management</i>
<i>Chi Alpha</i>	<i>Spanish Club</i>
<i>College Democrats</i>	<i>Spectra Literacy Magazine</i>
<i>College Republicans</i>	<i>Student Activities Board</i>
<i>Debate Team</i>	<i>Student Finance Associations</i>
<i>Delta Sigma Theta Sorority</i>	<i>Student Government Association</i>
<i>Drama Club</i>	<i>Student Meditation Group</i>
<i>English Club</i>	<i>VOX: Voices for Planned Parenthood</i>
<i>Gay Straight Alliance</i>	<i>Weightlifting Club</i>
<i>History Club</i>	<i>Wired Club</i>
<i>Kappa Alpha Psi Fraternity</i>	<i>Zeta Phi Beta Sorority</i>

For additional information about any club and/or organization, visit the website at www.lsus.edu/studentactivities. Information is also available in the LSUS Student Handbook or by contacting the University Center Office.

PUBLICATIONS

The Almagest

The Almagest, LSUS student newspaper, is published weekly (online at thealmagest.com) during the regular school term, except holidays and examination periods.

The Almagest informs students and faculty about news at LSUS. All students are invited to explore the opportunity to work on the Almagest as editors, reporters, cartoonists, contributing writers, and photographers. The various newspaper duties allow students to learn the fundamentals and mechanics of reporting news.

Spectra

Spectra, a literary magazine, is published each August by students interested in imaginative writing. All students are invited to submit for publication poems, essays, short stories, cover designs, or photographs to the Spectra staff through the Department of English, Bronson Hall 258.

STUDENT CONSUMER INFORMATION

Upon request, the University will provide information to a student on the following:

- (1) all financial aid programs administered by the institution including federal, state, and institutional programs;
- (2) procedures and forms to be completed, criteria for selection and for determining the amount of the award;
- (3) rights and responsibilities of students under the federal programs, including criteria for continued eligibility, and criteria for determining “good standing” and “satisfactory progress” and information on how to reestablish “good standing” and “satisfactory progress” for those who have failed to maintain these standards;
- (4) means of making award payments to students and frequency of such payments;
- (5) terms of loans received by a student and sample repayment schedules;
- (6) general terms and conditions applicable to student employment;
- (7) cost of attending the University, including tuition, fees, books, supplies, room and board, transportation for students living off campus or at home, and any additional programs in which the student indicates an interest;
- (8) the University policy for refunding a portion of fees to resigning students and the policy governing refunds owed by a resigning student to the grant and loan programs;
- (9) academic programs, including current degree programs, physical facilities, and faculty;
- (10) student retention; and
- (11) number and percentage of students completing programs.

For this information contact the Director of Student Financial Aid or see appropriate sections of this catalog.

NOEL MEMORIAL LIBRARY

WWW.LSUS.EDU/LIBRARY

FACULTY AND STAFF

Dean:

Alan D. Gabehart
Librarian

Library Faculty:

Carla Clark
Associate Librarian; Head, Access Services and Systems
James M. Evans,
Assistant Librarian; Head, Technical Services
Rachael Green
Associate Librarian, Research Services
Martha Lawler
Associate Librarian, James Smith Noel Collection
Robert C. Leitz, III
Ruth Herring Noel Endowed Chair; Curator, James Smith Noel Collection
Laura McLemore
Assistant Curator; Archivist, Archives and Special Collections
Robert Miciotto
Medical Historian-in-Residence, Archives and Special Collections

William Peters

Associate Librarian, Research Services

Kay Stebbins

Associate Librarian, Research Services

Julienne Wood

Associate Librarian; Head, Research Services

Library Associates:

Shawn Bohannon
Archives and Special Collections
Lori Bartney-Carr
Technical Services
Domenica Carriere
Archives and Special Collections
Susie Davison
Access Services
Becky Dean
Technical Services
Fermend Garlington, II
Archives and Special Collections

VISION

Noel Memorial Library gets the right information to the right people at the right time.

MISSION

The mission of the Library is to participate actively in the educational program of LSUS by collecting, organizing, making readily available, and assisting in the use of materials by students, faculty, and staff. The objectives of Noel Memorial Library are:

- To support the curriculum with adequate materials in subjects taught by the University. This involves providing in print and/or electronic format: (1) required reading for courses, (2) supplementary reading for courses, (3) a core

collection of reference materials, and (4) an adequate collection of journals.

- To assist library patrons and teach library research skills.
- To acquire, preserve, organize for research, and assist in the use of historical manuscripts and records that reflect the development of Northwest Louisiana.
- To acquire, preserve, organize, and assist in the use of research materials that contribute to the role of the James Smith Noel Collection

PHILOSOPHY

Noel Memorial Library is committed to the intellectual and cultural growth and development of the University and the region.

COLLECTIONS

Main - Open stacks containing over 250,000 items are organized according to Library of Congress Classification. Access to the LSUS collection is through the Library's online catalog.

Documents - The Library is a select depository of the United States Government Printing Office. Federal Documents are shelved in open stacks according to Superintendent of Documents Classification. Federal documents owned by LSUS are listed in the Library's online catalog.

The Library is also a depository for Louisiana State Documents. Items are shelved in open stacks according to Louisiana State Documents Classification. Louisiana

documents owned by LSUS are listed in the Library's online catalog.

Reference - The Reference Collection includes a core of basic encyclopedias, dictionaries, almanacs, directories, atlases, bibliographies, handbooks, and yearbooks. Indexes and abstracts covering subjects in the university curricula are available in print and electronic format.

Microforms and Media - The Microforms and Media area houses audiovisual materials, microforms, and a selection of newspapers. Equipment for viewing or listening to audiovisual materials is available, including microfilm/microfiche reader/printers.

SPECIAL COLLECTIONS

Archives and Special Collections - Archives and Special Collections, located on the third floor of Noel Memorial Library, contains nearly 600 individual collections of historical records and manuscripts relating to the Shreveport area, northwest Louisiana, and the lower Red River region commonly known as the Ark-La-Tex. Archives collects, preserves, and makes available more than 5,000 linear feet of records and manuscripts and over 200,000 photographs and negatives that document the history and culture of the region from its earliest settlement to the present. In addition, Archives and Special Collections houses the Louisiana Collection of published works about Louisiana or by Louisiana writers. All collections are stored in closed stacks and are non-circulating.

James Smith Noel Collection - A private collection of 200,000 volumes on permanent loan to the University, this is a closed-stack, non-circulating collection. Materials are organized in 128 broad subject areas.

SERVICES

Reserve - Materials may be placed on reserve by faculty at the Library Circulation Desk. Reserve materials may be designated for use in the Library only, or for limited circulation at the discretion of the instructor. Instructors should allow one business day for Library staff to process reserve materials before notifying students that the materials are available. All items placed on reserve must comply with U.S. Copyright Laws and Regulations. A request form for reserve materials is available on the Library's web page at www.lsus.edu/library/Reserve_Request_Form.doc.

Interlibrary Loan - LSUS students, faculty, and staff may submit requests for book loans or copies of journal articles via Interlibrary Loan. Requests are submitted online. Instructions for creating an Interlibrary Loan account and submitting requests are available on the Library's web page at www.lsus.edu/library/Interlibrary_Loan.htm.

Internet - Internet access is available at computers located in the Reference area of the Library. The Library web site can be accessed at www.lsus.edu/library.

LOUIS: The Louisiana Library Network - LSUS is a member of LOUIS, a statewide consortium providing computer access to numerous electronic indexes, databases, full-text journals, and library catalogs.

Instruction - Reference librarians answer questions, teach individuals how to select, find, and evaluate appropriate information, and offer both introductory and advanced classes designed to help students develop library research skills and effectively use specific library print and online resources. The reference librarians also work with faculty to identify resources needed for class assignments and research and assist faculty in the use of specialized library materials, including electronic books and databases.

Hours - Hours of service vary in conjunction with the University's schedule of classes. Operating hours are posted at the entrances of the Library and on the Library's website or can be obtained by phoning the Library at (318) 797-5069.

DIVISION OF CONTINUING EDUCATION AND PUBLIC SERVICE

WWW.CE.LSUS.EDU

FACULTY AND STAFF

Director:

Tisha Taylor TC135 795-4215

VISION

The LSUS Division of Continuing Education and Public Service will provide quality continuing education, lifelong learning, and public service programs that meet the ever-changing needs of our regional community and enhance the quality of life.

MISSION

The LSUS Division of Continuing Education and Public Service will provide quality learning experiences with professional instructors offering a flexible course schedule on campus and at other locations throughout the regional community for a multi-faceted and diverse population based on their educational needs. The Division will coordinate, develop, and deliver training in the areas of workforce and professional development, personal growth opportunities, public service, and youth enrichment through credit and non-credit programs.

WHAT'S AVAILABLE

(Visit www.ce.lsus.edu for complete listings and further information.)

Conferences and Institutes

The Office of Conferences & Institutes is responsible for coordinating all of the non-credit continuing education and public service programs at LSUS. Conferences & Institutes coordinates, develops, and delivers training in the areas of workforce and professional development, leisure learning, computer training, exam prep, personal growth opportunities, public service, and youth enrichment.

Through its Office of Conferences & Institutes, the Division of Continuing Education offers a number of non-credit programs in which participants can earn Continuing Education Units and/or a Certificate. The following are just some of the many programs and courses offered:

Computer Applications; Certificate Programs; Paralegal Institute; Notary Review; numerous On-line programs; CNA, Paramedic, Practical Nursing, Lifetime Fitness; Photography; Improve Business Customer Service Skills; Private Investigator License Exam; ACT, MCAT, and other exam preparations; dancing of all styles; foreign languages; personal safety classes and customized

training programs, as well as many youth programs for K-12 grades.

To receive a Continuing Education catalog please call 798-4177, or visit the Continuing Education website at www.ce.lsus.edu, or visit Continuing Education located in the Technology Center, room 131.

If you are interested in teaching a non-credit program through Continuing Education please contact the Event Coordinator at 797-5130.

Continuing Education Units

Continuing Education Units (CEU) provide a uniform system of recording non-credit continuing education activities. The CEU records are part of the full-time equivalent student account of the institution as stipulated by the Southern Association of Colleges and Schools and are awarded upon successful completion of designated non-credit programs. CEUs are based upon the number of contact hours of instruction received, i.e., one (1.0) CEU requires 10 contact hours of qualified instruction.

AVAILABLE PROGRAMS

Distance Learning

Each of the following five programs are available to students, businesses, industries or anyone with special communication needs. Please contact LSUS Continuing Education at (318) 797-5311 to discuss your particular needs or to schedule an appointment.

1. Satellite Teleconference Programs: Satellite down-link teleconference facilities are located in the University Center's conference rooms, ballroom, and theater through C Band reception.

2. Telecourses: LSUS offers college credit for academic courses delivered through online computer streaming. Students may view classes at home and must attend five on-campus seminars taught by University faculty members.

3. Compressed Video: The Division of Continuing Education and Public Service coordinates distance learning programs through a compressed video network which can link LSUS with others using IP capabilities. This interactive, real-time instructional delivery system provides opportunities for universities to share courses or degree programs throughout the state by teaching courses in compressed video classrooms and simultaneously sending them to other state universities in Louisiana. Compressed video technology also offers many opportunities for local business and industry to hold teleconference meetings and workshops for a fee. This allows the business/industry to reduce air travel and hold hotel expenses to a minimum.

4. On-Line Courses: LSUS offers college credit for academic courses delivered on-line. The courses are 100% computer-based courses that do not require the student to attend any on-campus classes. Classes are listed in the LSUS Class Schedule or visit the LSUS website www.LSUS.edu for course listings.

5. Off-Campus Courses/Programs: The Division of Continuing Education and Public Service offers a variety of credit and non-credit programs off-campus.

Many businesses and industries may be interested in off-campus credit or non-credit course instruction at an on-site location to meet the ever changing employee needs and to keep current with ever changing technology and information.

Incumbent Worker Training Program

The LSUS Division of continuing Education Incumbent Worker Training Program (IWTP) is a partnership between the Louisiana Workforce Commission (LWC),

business and industry, and a training provider. The IWTP is designed to benefit business and industry by assisting in the skill development of existing employees and thereby increasing employee productivity and the growth of the company. These improvements are expected to result in the creation of new jobs, the retention of jobs, and an increase in wages for trained workers. The program is funded by a portion of Unemployment Insurance (UI) tax contributions dedicated solely for customized training. For more information, please call 797-5254.

Nursing Programs

Through the Division of Continuing Education, LSUS offers the Practical Nursing Program to prepare students for a new career. The LSUS CE PN program prepares students to sit for the national licensure exam to become a Licensed Practical Nurse (LPN) in two different formats: The day program is offered in 13 months (3 semesters) and meets Monday-Friday from 8 a.m.-4 p.m. The Evening program is offered in 20 months (5 semesters) and meets Monday through Thursday from 5-10:30 p.m. The LSUS CE PN program is accredited by the Louisiana State Board of Practical Nursing Examiners. Financial Aid is available for those who qualify. In addition to the PN program, the LSUS CE PN office also offers a Certified Nursing Assistant Program to prepare students for an exciting career in healthcare.

For more information on either of these programs, or for an application, please call 798-4173.

Pioneer Heritage Center Program

The Pioneer Heritage Center interprets the unique culture and social history of northwest Louisiana from the 1830's to the end of the 19th Century - the period of settlement and early development.

The Center comprises seven plantation structures, including the Thrasher House (a log dogtrot) and Caspiana House (the big house from Caspiana Plantation), both listed on the National Register of Historic Places; a detached kitchen; a log single-pen blacksmith shop; a doctor's office; a commissary, and a river front mission. The structures, exhibits, and artifacts serve as a history laboratory for students and teachers in the humanities and for community groups, tourists, and the general public.

The educational program of the Center has become a model for progressive museum education, and has received a commendation for excellence from the American Association for State and Local History. During the school year, students in grades 5 through 12 receive hands-on interpretive tours that enrich their classroom studies. The Center regularly sponsors outreach programs such as internships, research seminars, museum

professional - development workshops, teachers' in-service programs, public symposia, and slide-illustrated lectures.

While the Pioneer Heritage Center was founded in 1976 as a joint project of the University and the Junior League of Shreveport, corporate citizens, foundations, individuals, and groups in the regional community have supported the Center since its inception. For example, the Shreveport Medical Society Auxiliary, who sponsored the Doctor's Office at the Center, has undertaken the Medical Heritage Gardens project to provide an authentic environment for the Center.

University Facility Rentals

Classrooms, grounds, conference rooms, distance learning labs and computer labs are available to outside organizations/businesses through the Division of Continuing Education and Public Service. Rental of University facilities does not authorize the collection of fees by non-University groups unless approved by the Division of Continuing Education and Public Service. For more information on pricing, call 797-5311, or visit the website at www.ce.lsus.edu or visit the staff in the Technology center, Room 133.

The Center is available for group, school, and special events by appointment. Please call (318) 797-5339 to schedule a tour or event. The Center is closed on holidays and from December 15 through February 1st.

Requests for information, scheduling of activities, and donations to the collections are coordinated by the Director of the Pioneer Heritage Center, Technology Center room 254, LSUS, One University Place, Shreveport, LA 71115, telephone (318) 797-5339.

Non-University educational, religious, and charitable organizations may be granted permission to use University facilities for educational, religious, or charitable programs. Programs must be co-sponsored by a University-related organization with a logical relationship to the sponsored program. The LSU Board of Supervisors and Louisiana Law prohibit the use of University facilities by non-university groups to raise funds. For more information, contact the Division of Continuing Education at 797-5311 or visit the office in the Technology Center, Room 133.

LSU SYSTEM CONTINUING EDUCATION ACTIVITIES

LSU Baton Rouge Graduate Programs

LSU Baton Rouge offers the Master of Library Science on the LSUS campus through compressed video. This program may be completed in Shreveport. For graduate admission, registration, and class scheduling, interested students must contact the School of Library Science in Baton Rouge, Dr. Elizabeth Dow at (225) 578-1469. Scheduling information may be obtained from the Division of Continuing Education and Public Service (318) 797-5311. Registration is handled by LSU Baton Rouge.

Independent Study/Correspondence Courses

The LSU Baton Rouge Office of Independent Study assists those individuals who are unable to attend regular classes and who wish to pursue instruction at home. Correspondence courses are available in college, high school, and certain professional noncredit subjects. Course Catalogs may be obtained through the Division of Continuing Education and Public Service or by contacting the Office of Independent Study, Pleasant Hall, LSU, Baton Rouge, LA 70803 or by phone at 1-800-234-5046. *If you are an LSUS student, correspondence course must be approved by your advisor in order for the course to transfer to LSUS.*

COLLEGE OF ARTS AND SCIENCES

WWW.LSUS.EDU/LA

Dean:

Lawrence Anderson BH 226 797.5371

Associate Dean

Dalton Gossett SC 104A 797.5231

Directors:

American Humanities Program:

Helen Wise BH 119 797.5333

American Studies Program:

William Pederson BH 321 797.5349

Institute for Human Services and Public Policy

Stacey Martino BH 123 795-4264

India Studies Program:

Sanjay Menon BH 212 797.5315

General Studies:

Lonnie McCray BH 230 797.5256

Red River Regional Studies:

Gary Joiner BH 453 798.4176

Graduate Program Directors:

Master of Arts in Liberal Arts:

Helen Taylor BH 218 797.5211

Master of Human Services Administration:

Helen Wise BH 119 797.5333

PHILOSOPHY AND MISSION

PHILOSOPHY

The diverse programs in the College of Arts and Sciences enable students to interpret, evaluate, and alter their world by fostering an awareness of the laws of nature along with the linguistic, artistic, and social media through which humanity inscribes its image on the world. Such programs develop a spirit of tolerance and rigorous intellectual honesty that helps students shape their destiny in a free society.

MISSION

The College provides both the environment and the resources through which students develop the intellectual discipline needed for graduate school, professional school, or careers in many professions. Students develop skills in communication and critical thinking necessary to analyze the natural world and society's interaction with that world, and to address both scientific and social issues in the objective and humane manner required by a democratic society.

GENERAL INFORMATION

Responsibilities of Students

Students are responsible for knowing degree requirements, for enrolling in courses that fit into the degree program, and for taking courses in the proper sequence to ensure the orderly progression of work. Students are also responsible for consulting with their advisers every semester.

Pass/No Credit Option

Undergraduate students in the College of Arts and Sciences who have achieved junior standing and have an overall average of 2.0 on all work taken at LSUS may take one course each semester on a pass/no credit basis, with work of C quality or better required for a grade of P. Credits earned in this manner may not exceed a total of

12 hours, and all courses so taken must be electives within the degree program. Credits earned on a pass/no credit basis will count toward the total number of hours required for a degree but will not affect grade point average.

Students who wish to schedule a course on the pass/no credit basis must file an application form in the dean's office by the final date for adding courses for credit of the semester in which the course is taken. Once enrolled in a course on the pass/no credit basis, students may not change to another grading system. Detailed information may be obtained in the Office of the Dean of the College of Arts and Sciences.

OTHER OFFERINGS

Prelaw Studies

Students interested in the legal profession should carefully select a degree program as soon as possible, preferably during their freshman year.

They should keep abreast of all qualitative standards for admission to law schools and be aware that a B.A. degree is a minimum condition for admission to most law schools. Since lawyers must read, write, and speak effectively, and since words are the basic tools of the profession, students should select courses that emphasize the English language, human institutions and values, and the ability to think creatively, analytically, and logically. Although not required, French is recommended for those planning legal careers in Louisiana.

The prelaw advisers in the College of Liberal Arts can provide information concerning this program, the Law School Admission Test, and other matters concerning students interested in the legal profession.

Summer Programs Abroad

The College of Liberal Arts cooperates with the Division of Continuing Education and Public Service in offering occasional summer programs abroad.

Students may earn six hours of academic credit through participation in lectures and tutorials presented while visiting Continental Europe and England. Credit courses are offered for undergraduate and graduate students; noncredit courses, for members of the community. Further information is available in the College of Liberal Arts and the Division of Continuing Education and Public Service.

Red River Regional Studies Center

The Red River Regional Studies Center pursues interdisciplinary studies, research, and services directed toward all aspects of the Red River region, with a special emphasis on archival, historical, and social sciences services. The components of the Center include the Library Archives, the Oral History Program, the Pioneer Heritage Center, and the Social Sciences Research and Analysis Project. Also associated with the Center is the Journal of the North Louisiana Historical Association.

American Studies Program

The American Studies Program encourages innovative teaching and creative exploration of topics in the social sciences, humanities, and arts related to the general field of the American heritage. A sound knowledge of the history, culture, and values of the American experience is necessary for a sound civic education, and this privately endowed program attempts to meet this need for the students of LSUS and the citizens of northwest Louisiana.

The program sponsors forums, seminars, and fellowships on the LSUS campus, as well as travel and internship experiences that allow students to study each year in Washington, D.C. In cooperation with Continuing Education and Public Service, the College of Liberal Arts enables interested undergraduate students to develop a sequence of courses in American Studies.

Further information on the American Studies Program is available from the College of Liberal Arts or from the Director of the American Studies Program.

American Humanics Program

American Humanics is a leadership and academic program that can transform one from a willing worker to a productive professional. It is open to any undergraduate major or baccalaureate degree holder. The American Humanics Certificate Program at LSUS is designed to compliment a student's major. With minimal additional coursework beyond the normal required for graduation, students can be certified and prepared for careers with voluntary youth and human service agencies. Questions regarding the LSUS American Humanics Program should be directed to Professor Helen Wise, Program Director, Bronson Hall Room 119.

Women's Studies Program

The Women's Studies program offers courses and lecture series which encourage female students to explore their roles in their local community as well as in the global community to which we all belong. Its focus acknowledges the achievements of a diverse human culture and explores its capacity for growth and change. The program is housed for administrative purposes within the Department of Fine Arts, Foreign Languages and Humanities within the College of Liberal Arts; its faculty, however, are drawn from many departments across campus.

School of Humanities and Social Sciences

CURRICULA

COMMUNICATIONS AND MASS COMMUNICATIONS

Chair:

Linda Webster BH 330 797.5375

Faculty:

Robert Alford	BH 322	797.5283	Carol Meyer	BH 320	797.5106
Trey Gibson	BH 315	797.5081	Ronald Sereg	BH 350	797.5327
Mary Jarzabek	BH 318	797.5318	Pruitt Taylor Vince	BH 354	797.5340
Rose-Marie Lillian	BH 348	797.5312			

The Communications Department offers curricula in two areas: mass communications and speech. Students majoring in speech prepare for careers in which oral communication plays a major role. Students majoring in mass communications prepare to become broadly educated, well-trained communicators in print or broadcast journalism, or public relations. Speech courses have COMM as a prefix and are listed under “*Communications*” in the back of this catalog. Mass Communications courses have MCOM as a prefix and are listed under “*Mass Communications*” in the back of this catalog.

SPEECH Total Hours: 120			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Communications 135	3	Fine Arts	3
English 105, 115	6	Communications 295	3
Foreign Language	3	English (200-level literature)	3
History 105, 106, or 107	6	Mathematics above 121	3
Communications 201	3	Science (two-semester sequence)	6
Science (non-sequential)	3	Philosophy 105 or 250	3
Mathematics 121 or above	3	Foreign Language	6
Freshman Seminar 103 or elective	3	Humanities	3
	30		30
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Communications 320, 331, 355	9	Communications 498	1
Communications Electives (300 level or above)	3	Communications electives	11
Social/Behavioral Science	6	Approved electives	12
Music or Fine Arts	3	Approved electives (300 level or above)	6
Approved electives	9		30
	30		

Concentration in Theater: The student concentrating in theater should take the following, COMM 260, 261, 361, 363 or 497, and 400 or 401, in place of COMM 201, 295, 320, 331, and 355.

MASS COMMUNICATIONS

Students majoring in Mass Communications may select one of four available concentrations: Journalism, Electronic Media Journalism, Public Relations, or Mass Communication (Generalist).

MASS COMMUNICATIONS Total Hours: 120			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Communications 135	3	Communications 260	3
English 105, 115	6	Concentration Course*	3
Foreign Language	3	English (200-level literature)	3
History 105, 106 or 107	6	Mathematics above 121	3
Mass Communications 115	3	Science (two-semester sequence)	6
Science (non-sequential)	3	Philosophy 105 or 250	3
Mathematics 121 or Above	3	Social Sciences	3
Freshman Seminar 103 or elective	3	Foreign Languages	6
	30		30

MASS COMMUNICATIONS			
Total Hours: 120			
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Concentration courses*	6	Mass Communications 498, 499	4
Mass Communication electives (300 level or above)	9	Concentration Courses*	3
Music or Fine Arts (Photography recommended)	3	Mass Communication electives (300-level or above)	6
Social Sciences	3	Approved electives	14
Approved Electives	9	Approved electives (300 or above)	3
	30		30

◆ **CONCENTRATION COURSES:**

Journalism Concentration – Mass Communications 151, 270 (3 hours), 317, 343, and 15 additional hours of Mass Communications courses.

Electronic Media Journalism Concentration – Mass Communications 271 (3 hours total), 285, 375, 433, 455, and 12 additional hours of Mass Communications courses.

Public Relations Concentration– Mass Communications courses 210, 270, or 271 (3 hours total), 305, 411, 480, and 12 additional hours of Mass Communications courses.

Mass Communication Generalist Concentration –Mass Communications 151, 210, 285, 270 and/or 271 (3 hours minimum) and 15 additional hours of Mass Communications courses.

ENGLISH

Chair:

Terry G. Harris BH 258 797.5369

Faculty:

Stephen Brennan	BH 215	797.5148	Lonnie McCray	BH 230	797.5256
Thomas DuBose	BH 253	797.5250	Cleatta Morris	BH 217	797.5304
James Lake	BH 213	797.5252	Kathleen Smith	BH 227	797.5270
Dorie LaRue	BH 237	797.5248	Helen Taylor	BH 218	797.5211
Elisabeth Liebert	BH 239	797.5287	Kristie Weeks	BH 257	797.5139

The student majoring in English must take at least 42 hours above freshman English, with at least 30 of those hours in courses numbered 300 and above. The student must also complete 12 hours of one foreign language, consisting of 101, 102, 201, and any other course numbered 205 and above. In addition, the student must take six hours in courses numbered 300 and above offered by other departments, as well as a course in oral communications.

English Major--Required Courses Courses/Semester Hours

- Sophomore English: 200, 205, and 210 (9 hours)
- American Literature:
 - a. 470 or 475 (3 hours)
 - b. 471 or 478 (3 hours)
- Shakespeare: 408 or 409 (3 hours)
- British Literature:
 - a. Medieval and Renaissance: 406, 407, 410, 420 (3 hours)
 - b. Restoration and 18th Century: 430, 435¹ (3 hours)
 - c. 19th Century: 435¹, 440, 450 (3 hours)
- Modern Literature: 455, 460, 465 (3 hours)
- Writing and Language: 226, 301, 325, 326, 328, 428, 400, 499 (3 hours)
- Literature in Translation: 405 or 485 (3 hours)
- Senior Capstone: 489 (3 hours)
- Additional English course numbered 300 and above (3 hours)

¹Cannot be taken to satisfy requirement in more than one period.

ENGLISH			
Total Hours: 123			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
English 105, 115	6	English 200, 205, 210	9
Communications 135	3	Fine Arts 140, 240, or 241	6
Foreign Languages	6	Foreign Languages	6
History 105, 106 or 107	6	Science (two-semester sequence)	6
Mathematics 121 or above	3	Social Sciences ¹	3
Science	3	Math above 121	3
FS 103 or elective	3		33
	30		
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
English and American Literature	9	English and American Literature	12
Writing and Language	3	Additional English course numbered 300+	3
Philosophy	3	English 405 or 485	3
Fine Arts, Music, or Drama	3	English 489	3
Communications (oral)	3	Approved Electives (courses numbered 300+)	6
Approved Electives	6	Approved Electives	3
Social Sciences	3		30
	30		

¹See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

FINE ARTS, FOREIGN LANGUAGES, AND HUMANITIES

Chair:

John S. Vassar BH 140 797.5198

Faculty:

LaMoyné Batten	BH 124	797.5313	Jason Mackowiak	BH 120	797.5314
LaWanda Blakeney	BH 353	797.5051	Cecilia Smith	BH 233	797.5136
Megan Conway	BH 233	797.5269	Lynn Walford	BH 216	797.5140
Ronald Hooper	BH 122	797.5198			
Sarah Lippert	BH 126	797.5314			

The student majoring in Fine Arts must complete a minimum of 60 semester hours of art that includes 36 hours of core requirements and 24 hours of elective work at the 300 level or above. The curriculum includes a selection of courses that leads to a better understanding of the role of art in human history; a basic knowledge of visual principles, media, and techniques utilized in studio practices; and ample electives in art to enable the student, with faculty guidance, to select a studio area for advanced creative work. It should be understood that the degree offered is a B.A. degree in Fine Arts. In addition to the core curriculum, students wanting to concentrate in a specific area should select their 24 hours of elective work (300 level or above) from one of the following areas of concentration:

Core Curriculum: 100, 150, 180, 200, 241, 250, 255, 283, 285, 311, and 440 or 441.

Drawing and Painting: Primary courses are 300, 302, 369, 481, and 489. Suggested additional courses are 369, 430, 440, and 495.

Printmaking: Primary courses are 331, and 430. Suggested additional courses are 300, 302, 369, 381, 440, 489, and 495.

Three hours of coursework at the 300 or above level in one subject area outside Fine Arts are required. The student should be aware that the Department of Fine Arts may retain any work written or created as a course requirement.

FINE ARTS			
Total Hours: 123			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
English 105, 115	6	Communications 135	3
Fine Arts (core) 100, 150, 180, 200	12	Fine Arts (core) 240, 241, 250, 255	12
Foreign Language	6	History 105 or 106, and History 107	6
Mathematics 121 or above	3	Mathematics above 121	3
Freshman Seminar 103 or elective	3	Science (two-semester sequence) ¹	6
History 145 or 146	3	Computer Science (or Fine Arts 210)	3
	33		33

FINE ARTS Total Hours: 123			
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Philosophy 105 or 250	3	Social or Behavioral Sciences ¹	6
Fine Arts (core) 283, 285, 311, and 440 or 441	12	Fine Arts electives (300 or above)	18
Fine Arts electives (300 or above)	3	Approved elective (300 or above)	<u>3</u>
Science ¹	3		30
Foreign Language	3		
English (200-level literature)	<u>3</u>		
	27		

¹See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

Fine Arts Certificates of Achievement: This career-enhancement program offers study in computer graphics for those students interested primarily in the acquisition of training for a prospective job or those interested in updating skills for their present job. The program is based on the university's defined mission of serving the needs of local and regional economic development.

The basic certificate requires 12 hours of credit, the intermediate certificate requires 24 hours of credit and the advanced certificate requires 36 hours of credit. Transfer credit will not be accepted for the certificate program. The student must have a 2.5 overall average for the required courses to receive the certificate. Substitute courses may be acceptable with written consent from the Fine Arts Department.

FINE ARTS CERTIFICATE OF ACHIEVEMENT

- ◆ **Computer Graphics:** FA 210 Computer Graphics; FA 315 Adobe Photoshop; FA 317 QuarkXPress; FA 318 Digital Illustration (12 credit hours)
- ◆ **Fine Arts/Computer Graphics:** FA 100 Basic Drawing; FA 150 Basic Design; FA 180 Color Theory; FA 210 Computer Graphics; FA 250 Intermediate Design; FA 315 Adobe Photoshop; FA 317 QuarkXPress; FA 318 Digital Illustration (24 credit hours)
- ◆ **Advanced Fine Arts and Computer Graphics:** FA 100 Basic Drawing; FA 150 Basic Design; FA 180 Color Theory; FA 200 Intermediate Drawing; FA 210 Computer Graphics; FA 250 Intermediate Design; FA 311 Typography; FA 314 Experimental Design; FA 315 Adobe Photoshop; FA 317 QuarkXPress; FA 318 Digital Illustration; FA 319 Adobe Premiere (36 credit hours)

FINE ARTS CONCENTRATIONS

Animation & Visual Effects Total Hours: 123			
<u>FRESHMAN YEAR</u>	<u>SEM. HRS.</u>	<u>SOPHOMORE YEAR</u>	<u>SEM. HRS.</u>
English 105, 115	6	English (200-level literature)	3
Fine Arts (core) 100, 150, 180, 200	12	Fine Arts (core) 241, 250, 255, 283	12
Foreign Language	3	Foreign Language	6
Mathematics 121 or above	3	Mathematics above 121	3
Science ¹	3	Science (two-term sequence) ¹	<u>6</u>
Freshman Seminar 103 or elective	3		30
Communications	<u>3</u>		
	33		
<u>JUNIOR YEAR</u>	<u>SEM. HRS.</u>	<u>SENIOR YEAR</u>	<u>SEM. HRS.</u>
Fine Arts (core) 285, 311, 440, or 441	9	AVE 351, 401, 412, 458	12
History 105 or 106, and History 107	6	Social or Behavioral Sciences ¹ (200-level)	3
Social or Behavioral Sciences ¹	3	AVE 459, 460, 470, 471	<u>12</u>
History 145 or 146	3		27
Philosophy 105 or 250	3		
AVE 121, 122, 201	<u>9</u>		
	33		

¹See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

GRAPHIC DESIGN

Students completing the Graphics Design concentration program will be trained in the use of the various software and hardware necessary to get a creative job in the fields of graphic design and advertising. The Graphic Design curriculum focuses on developing basic design and color theory, as well as the use of typography and programs such as Adobe Photoshop and Adobe Illustrator. A variety of electives help the graphic design students specialize in certain programs and finish with a unique portfolio.

Graphic Design Total Hours: 123			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
English 105, 115	6	Communications 135	3
Fine Arts (core) 100, 150, 180	9	English (200-level literature)	3
Foreign Language	3	Fine Arts (core) 240, 241, 250, 255	12
Mathematics 121 or above	3	Foreign Language	3
Science ¹	3	Mathematics above 121	3
Fine Arts 210	3	Science (two-semester sequence) ¹	6
Freshman Seminar 103 or elective	3		30
Fine Arts 240	3		
	33		
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Fine Arts (core) 283, 285 or 328, 311	9	Fine Arts (core) 440 or 441	3
Fine Arts electives (300 or above)	3	Fine Arts 315, 317, 318	9
History 105 or 106, and History 107	6	Social or Behavioral Sciences ¹	3
Foreign Language	3	Approved electives (300 or above)	3
Social or Behavioral Sciences ¹	3	Fine Arts electives (300 or above)	12
History 145 or 146	3		30
Philosophy 105 or 250	3		
	30		

¹See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

FOREIGN LANGUAGES

The student majoring in Foreign Languages may elect either the field of French or Spanish. In either field, a minimum of 33 semester hours in the language is required, 27 of which must be beyond the freshman level and 21 of which must be at the level of 300 or above. For electives, FS 103 is required and a student is also encouraged to choose English 215 or 220. Nine hours of study in a second foreign language are required.

FRENCH Total Hours: 123			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
French 101, 102	6	French 201 and 200+	6
Communications 135	3	English (200-level literature)	3
English 105, 115	6	Science (two-semester sequence)	6
Fine Arts 140, 240, or 241	3	Mathematics above 121	3
History 105, 106 or 107	6	Foreign Language (not French)	6
Science	3	Approved electives	3
Mathematics 121	3	Humanities ¹	3
Freshman Seminar 103/elective	3		30
	33		
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
French 300+	9	French 300+	6
Communications 260, 400, or 401, or Music 120 or 125	3	French 400+	6
Geography 105, 106, 252, or 410	6	Approved electives	15
History 145 or 146	3	Social or Behavioral Science (Choose two from Anthropology, Economics, Political Science, Psychology, or Sociology) ¹	3
Philosophy	6		30
Foreign Language (not French)	3		
	30		

¹See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

SPANISH			
Total Hours: 123			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Spanish 101, 104 or 111, and 102, 105 or 112	6	Spanish 201 and 200+	6
Communications 135	3	English (200-level literature)	3
English 105, 115	6	Mathematics above 121	3
Fine Arts 140, 240, or 241	3	Science (two-semester sequence)	6
History 105, 106 or 107	6	Foreign Language (not Spanish)	6
Science	3	Approved electives	3
Mathematics 121	3	Humanities ¹	3
Freshman Seminar 103/elective	3		30
	33		
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Spanish 300+	9	Spanish 300+	6
Communications 260, 400, or 401, or Music 120 or 125	3	Spanish 400+	6
Geography 105, 106, 252, or 410	6	Approved Electives	15
History 145 or 146	3	Social or Behavioral Science (Choose two from Anthropology, Economics, Political Science, Psychology, or Sociology) ¹	3
Philosophy	6		30
Foreign Language (not Spanish)	3		
	30		

¹See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

HISTORY/SOCIAL SCIENCES

Chair:

Bernadette Palombo BH 439 797.5343

Faculty:

Rich Arnold	BH 333	797.5123	Alexander Mikaberidze	BH 449	797.2415
Blake Dunnavent	BH 427	797.5078	William Pederson	BH 148	797.5138
Kenna Franklin	BH 455	797.5084	Jeffrey Sadow	BH 337	797.5159
Christopher Hale	BH 106	797.5295	Cheryl White	BH 113	797.5353
Gary Joiner	BH 453	797.5337	Helen Wise	BH 115	797.5333
Robert Miciotto	LIB 109	798.4119			

Majors in Criminal Justice, History, Geography, Political Science and Sociology often pursue further studies at the graduate level in their respective disciplines. Traditionally, these studies lead to careers in teaching and research. In addition, because of their training in reading, writing, and critical thinking, history and social science graduates often pursue legal careers.

The student seeking a B.A. in History/Social Sciences may major in one of four subject areas: History, Geography, Political Science or Sociology. Required courses specified are designed to provide a broad general knowledge in that field. A minimum of 30 hours from courses numbered 300 and above are required. Those courses will be chosen from the primary and suggested courses in the respective concentration.

HISTORY

The student majoring in History must complete the following requirements:

1. A minimum of 42 hours in history, including History 105, 106, 107, 145, 146, 299 and 499.
2. A minimum of 18 hours in history courses numbered 300 and above.
3. A minimum of 9 hours from European history, 9 hours from American history and 3 hours from Asia, Africa, and Latin America. These requirements are in addition to History 105, 106, 107, 145, and 146.
4. A minimum of 12 hours in humanities beyond the general subject distribution degree requirements.
5. Nine hours in the social sciences in at least two different subject fields (other than history) in courses numbered above 200.

HISTORY Total Hours: 123			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
History 105, 106, 107	9	Communications 135	6
English 105, 115	6	History 145, 146	3
Foreign Language ¹	9	English 205	3
Mathematics 121	3	English (200-level literature)	3
Freshman Seminar 103	3	Political Science 101, 151	6
	30	Sciences (two-semester sequence)	6
		Science (nonsequential)	3
		Mathematics above 121	3
			3
			33
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Economics	3	History	18
History	3	History 499	3
History 299	3	Humanities	6
Philosophy 105 or 250	3	Social Sciences (200 and above)	3
Political Science 203	3		30
Humanities (Music, Fine Arts, Drama) ²	6		
Geography	3		
Social Sciences (200 and above)	6		
	30		

¹The student shall complete 9 hours in one foreign language.

²See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

GEOGRAPHY

The student majoring in Geography must complete a minimum of 30 hours in geography, including a minimum of 12 hours in geography from courses numbered 300 and above.

GEOGRAPHY Total Hours: 123			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
English 105, 115	6	Communications 135	3
Foreign Languages ¹	6	English (200-level literature)	6
Geography 105, 106	6	Foreign Languages	3
History 105, 106 or 107	6	Geography 251, 252, 257	9
Mathematics 121	3	Science (two semester sequence)	6
Freshman Seminar 103	3	Science (nonsequential)	3
	30	Mathematics above 121	3
			33
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Economics 201 or 202	3	Geography	6
Geography	9	Approved Humanities electives (Drama, Fine Arts, or Music) ²	6
Approved electives	12	Social Sciences	6
History 145 or 146	3	Approved electives	12
Philosophy 105 or 250	3		30
	30		

¹The student shall complete 9 hours in one foreign language.

²See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

POLITICAL SCIENCE

The student majoring in Political Science must complete the following requirements:

1. A minimum of 30 hours in political science, with no more than 15 hours in courses numbered below 300.
2. A minimum of 9 hours must be from American Politics and a minimum of 9 hours from International Politics and Theory. These requirements are in addition to Political Science 101 and Political Science 151 and Political Science 330: American Politics - 190, 201, 211, 256, 306, 307, 315, 316, 317, 399, 411, 427, 434; International Politics and Theory - 203, 204, 403, 423, 424, 425, 427, 442, 460.
3. Twenty-four hours in social sciences and humanities (other than political science) with at least 12 hours in courses numbered 200 or above.

POLITICAL SCIENCE			
Total Hours: 123			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
English 105, 115	6	Communications 135	3
History 105, 106 or 107	6	Economics 201, 202	6
Foreign Languages ¹	6	English (200-level literature)	6
Mathematics 121	3	Mathematics above 121	3
Political Science 101, 151	6	Sciences (nonsequential)	3
Freshman Seminar 103	3	Sciences (two semester sequence)	6
	30	Foreign language	3
			30
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Approved Humanities Electives (Drama, Fine Arts, Music)	6	Humanities	6
History (American and other)	6	Political Science	15
Philosophy	3	Social Sciences	3
Political Science 330	3	Approved Electives ²	6
Political Science	9		30
Social Sciences	6		
	33		

¹The student shall complete 9 hours in one foreign language.

²Special consideration should be given to CSC 111.

SOCIOLOGY

The student majoring in Sociology must complete a minimum of 30 hours in sociology, and must choose a minimum of 12 hours in sociology from courses numbered 300 and above, excluding Sociology 330 and 495. The sociology major interested in pursuing a career in Social Welfare should contact the sociology adviser for information.

SOCIOLOGY (Social Work)			
Total Hours: 123			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Freshman Seminar 103 or elective	3	English (200-level literature)	6
English 105, 115	6	Mathematics above 121	3
History 105, 106 or 107	6	History 145 or 146	3
Foreign Language ¹	6	Communications 135	3
Mathematics 121	3	Psychology 152, 212, 216	9
Sociology 105 or 107, 142	6	Sciences (two semester sequence)	6
	30	Foreign Language ¹	3
			33
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Sociology 330	3	Humanities (Drama, Fine Arts, or Music) ²	6
Science (nonsequential)	3	Philosophy 105 or 250	3
Sociology electives	9	Sociology electives 300+	9
Social Sciences 300+	6	Sociology 465	3
Approved Electives (200 and above) ²	9	Social Sciences 300+	3
	30	Approved Electives 300+	6
			30

¹The student shall complete 9 hours in one foreign language.

²See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

Additional Requirements for All Bachelor of Arts Programs

Given our interest in the Humanities, we require additional coursework in the Humanities /Fine Arts disciplines. Specifically, students pursuing the B.A. degree must take a philosophy course, a second sophomore literature course, an additional Fine Arts course, and two additional History courses. Finally, we require three courses in one foreign language: 101, 102, and 201.

BACHELOR OF ARTS DEGREE (B.A.)

The following programs of study lead to a Bachelor of Arts degree:

Broadcast Journalism	Geography	Sociology
English	History	Spanish
Fine Arts	Journalism	Speech
French	Political Science	Theatre
	Public Relations	

Other Requirements

To be granted the Bachelor of Arts¹ degree by the College of Liberal Arts, students must have successfully completed

1. All general degree requirements of the University, of the College, and of the major.
2. Both Communications 135 and English 115 with

¹ A maximum of 12 hours of Military Science may be applied toward the degree, no more than four from the Basic Course.

² Transfer students must take at least 12 hours in residence in the subject of concentration, with a minimum of nine in courses numbered 300 or above.

grades of “C” or better.

3. A minimum of 30 hours in courses numbered 300 or above.
4. A minimum of nine hours in residence in courses above 300 in the subject of concentration.²
5. The assessment procedures of their major.

BACHELOR OF CRIMINAL JUSTICE DEGREE (B.C.J.)

The Bachelor of Criminal Justice degree program prepares individuals for professional careers in law enforcement, corrections, probation and parole, juvenile justice administration, and private sector security.

Degree Requirements

1. Completion of the University's general degree requirements and the requirements of the Criminal Justice Curriculum.
2. A minimum of 2.0 grade point average in the Criminal Justice core in addition to the minimum 2.0 grade point average required in the University's general education program.
3. Completion of a minimum of 9 hours in residence in courses above 300 in the subject of concentration; the student transferring from other colleges must take at least 12 hours in the major subject, with a minimum of 9 of these hours in courses numbered 300 or above.
4. Completion of Communications 135 and English 115 with grades of C or better. A maximum of 12 hours of Military Science may be used for degree credit in the Bachelor of Criminal Justice Program.
5. Completion of forty-five (45) hours in 300/400 level courses.

BACHELOR OF CRIMINAL JUSTICE			
Total Hours: 123			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
English 105, 115	6	English (200-level literature)	3
Mathematics 121	3	Communications 135	3
Criminal Justice 107	3	Science (two-semester sequence)	6
Computer Science 111 or Information Systems/Decision Sciences 150	3	Mathematics above 121	3
Psychology 152	3	Criminal Justice 214	3
Political Science 151	3	Criminal Justice 216	3
Sociology 105	3	Criminal Justice 211	3
United States History (145 or 146)	3	United States History (145 or 146)	3
Freshman Seminar 103	3	Foreign Language	6
	30		33
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Philosophy 105 or 250	3	Psychology 300/400 level	3
English 325	3	Criminal Justice 430	3
Criminal Justice 320	3	Criminal Justice 300/400 level	9
Criminal Justice 322	3	Criminal Justice 411	3
Criminal Justice 330	3	Fine Arts elective	3
Criminal Justice 431	3	Approved electives 300/400 level	9
Criminal Justice 353	3		30
Criminal Justice Electives	6		
Science (nonsequential)	3		
	30		

BACHELOR OF GENERAL STUDIES DEGREE (BGS)

The Bachelor of General Studies is an interdisciplinary program allowing students to select an area of concentration, not a departmental major, in one of four broad subject-matter groups: Humanities, Social Sciences, Natural Sciences, and Applied Sciences. BGS students are responsible for developing their own coherent interdisciplinary program of study. This flexible, individual program may be an appropriate alternative for mature adults who can not reach their educational goals by way of existing curricula.

Degree Requirements

The College of Liberal Arts grants the degree of Bachelor of General Studies upon completion of the following requirements:

1. The student must complete a minimum of 120 semester hours as follows:
 - A. University Subject Requirements--45 hours:** A course in Computer Science/Information Technology is required in addition to the 42 hours in general education courses.
 - B. Area of Concentration--33 hours:** With the assistance of a faculty adviser, the student will design an interdisciplinary and cohesive area of concentration. A 2.0 grade point average is required in the area of concentration. An area of concentration is to be selected from the Humanities, Social Sciences, Natural Sciences, and Applied Sciences. At least 9 hours must be in courses numbered 300 or higher.
 - C. Approved and Enrichment Electives--39 hours:** Approved electives should support and enrich the area of concentration. Enrichment electives consist of 9 - 12 hours chosen from at least three of the following broad groups:
 - *Humanities:* communications, history, mass communications, language, philosophy, literature, fine arts, music, religious studies, history
 - *Social Sciences:* anthropology, criminal justice, economics, geography, political science, psychology, social welfare, sociology, American Studies, Women's Studies, International Studies, Leadership
 - *Natural Sciences:* agriculture, astronomy, biological science, environmental science, geology, physics, chemistry, mathematics, physical sciences
 - *Applied Sciences:* accounting, business administration, marketing, computer science, library science, education, health/physical education, finance, criminal justice, speech pathology
 - D. Senior Seminar--3 hours:** General Studies 491. A minimum grade of C is required.
2. Of the 120 hours required for the degree, 45 hours must be in courses numbered 300 level or higher, with at least 15 hours at the 400 level. At least 9 hours in the area of concentration must be in courses numbered 300 or higher.
3. Enrollment in the Bachelor of General Studies Program is required during the last two semesters prior to graduation. Any student with fewer than 30 hours of earned college credit (developmental courses excluded) will not be permitted to enroll in the General Studies Program.
4. The student must complete the general degree requirements of the University.
5. A maximum of 16 semester hours of Military Science may be used as approved electives toward the BGS degree.
6. During the semester immediately prior to the semester of graduation, the candidate must request that the Director of General Studies complete the degree checkout form that must be presented to the Office of Admissions and Records.
7. A minimum of 30 of the last 40 hours must be taken in residence at LSUS; 9 hours in the concentration must be taken in residence at LSUS.
8. No more than 30 hours of degree credit may be taken in courses offered by the College of Business Administration. Up to 9 hours of lower division courses in economics are exempt from this rule.
9. Only 60 hours from a 2-year college will transfer and count toward the General Studies degree.
10. The General Studies student must have a 2.0 average in all courses in the area of concentration, a 2.0 average in all courses taken at LSUS, a 2.0 average overall, and a minimum grade of C in the General Studies 491 Senior Seminar.
11. The student must complete the curriculum in General Studies as follows:

BACHELOR OF GENERAL STUDIES			
Total Hours: 120			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Communications 135	3	Computer Science/Information Technology*	3
English 105, 115	6	English Literature	3
History	3	English 226, 325, or 326	3
Mathematics 121 and above	6	Science (nonsequential area)	3
Science (two-semester sequence)	6	Social Sciences	3
Social Sciences	3	Fine Arts (Dance, Drama, Fine Arts, Music)	3
Approved and enrichment electives	3	Approved and enrichment electives	12
	30		30
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Area of Concentration	18	Approved and enrichment electives	12
Approved and enrichment electives	12	Area of concentration	15
	30	General Studies 491	3
			30

*The student is encouraged to select from the following: CSC 105, CSC 111, ISDS 150, or ED 202.

INTERDISCIPLINARY MINORS IN HUMANITIES AND SOCIAL SCIENCES

Students in the College of Liberal Arts need not select a minor. However, for individual educational development and for career orientation, a minor can be helpful. The following represent interdisciplinary minors. Other minors will be found immediately following the interdisciplinary minors. A minimum grade point average of 2.0 must be maintained for all minors.

GEOGRAPHIC INFORMATION SCIENCE MINOR

Total Hours Required: 21

The Geographic Information Science Minor is an interdisciplinary program that provides students with a foundation of theory and techniques in mapping, remote sensing, GIS and related topics along with applications in one or more fields. The course courses are all geography courses. A great deal of latitude is given to the application coursework.

Suitable course in a variety of applications are found in each of the Colleges of LSUS. Students are expected to work closely with professors in their application discipline or disciplines to design an appropriate

program. This involves identification and selection of appropriate coursework and consultation with the chair of the Department of History and Social Sciences who will provide guidance and oversight on the minor.

Required Courses:

GEOG 257: Maps and Mapping 3 cr.

GEOG 357: Remote Sensing and Air Photo 3 cr.

GEOG 420: Geographic Information Systems 3 cr.

NOTE: At least 9 hours must be at the 300 level or above.

HUMAN SERVICES ADMINISTRATION MINOR

Total Hours Required: 21

The Human Services Minor is designed for students interested in working as professionals with youth and human service organizations, such as programs for homeless families, programs for physically challenged individuals, and Junior Achievement. By completing the minor, students will automatically meet the requirements for American Humanities Certification, recognized nationally by youth and human service organizations as providing the knowledge and skills equivalent to someone who has been working as a professional in nonprofits for one year. The fifteen nonprofits supporting American Humanities, Inc. and its certificate program indicate that the need exceeds 20,000 entry-level professionals each year.

ACCT 205: Introductory Financial Accounting 3 cr.

SOCL 302: Social Organization 3 cr.

MCOM 446: Seminar in Public Relations
for Nonprofit Organizations 3 cr.

SOCL 392*: Practicum in NonProfit
Organizations 3 cr.

SOCL 492*: Seminar in Non-Profit
Organizations 3 cr.

SOCL 499 Field Research 3 cr.

Independent Study (3 hours) in student's major

**Cross listed as psychology, management and political science.*

INTERNATIONAL STUDIES MINOR

Total Hours Required: 24

(Nine of these hours must be at the 300+ level)

The minor in International Studies is an interdisciplinary program enabling students to gain global perspectives, to understand our interconnected world, and to apply those insights in a variety of professions. The program provides considerable latitude in meeting the needs and goals of students. Thus, students must work closely with their academic advisors to plan the best possible minor program in International Studies.

Six hour core requirement:

✓ Introduction to International Studies 250 – 3 hrs

✓ Foreign Language proficiency at the
200 level –3 hrs

ENGL 485 World Literature 3 cr.

ECON 460 International Economics 3 cr.

FIN 440 International Finance 3 cr.

FREN 205 and above 3 cr.

GEOG 105 Human Geography 3 cr.

GEOG 106 Human Geography 3 cr.

GEOG 252 Cultural Geography 3 cr.

GEOG 312 Geography of S.W. Asia and
N. Africa (Middle East) 3 cr.

GEOG 410 Geography of Europe 3 cr.

GEOG 453 Geography of North America 3 cr.

GEOG 460 Economic Geography 3 cr.

Eighteen hours from the following courses: (No more than two courses in a student's major may qualify for inclusion in these eighteen hours; nine of the eighteen hours must be at the 300+ level.)

ANTH 210 Culture Growth 3 cr.

ANTH 304 North American Indians 3 cr.

BLAW 420 International Law 3 cr.

GEOG 490*	Seminar	3 cr.	MADM 435	International Business	3 cr.
HIST 251	The Near and Middle East	3 cr.	MKT 440	International Marketing	3 cr.
HIST 252	The Far East	3 cr.	PHIL 105	Exploring Philosophy	3 cr.
HIST 385	Colonial Latin America	3 cr.	PHIL 305	History of Philosophy: Ancient and Medieval	3 cr.
HIST 386	Latin America since Independence	3 cr.	PHIL 306	History of Philosophy: Renaissance to the 19 th Century	3 cr.
HIST 414	Imperial Russia	3 cr.	POLI 203	European Politics	3 cr.
HIST 415	Russia Since 1881	3 cr.	POLI 204	Third World Politics	3 cr.
HIST 424	American Diplomacy Since 1914	3 cr.	POLI 424	U.S. Foreign Policy in the 20 th Century	3 cr.
HIST 430	Renaissance and Reformation	3 cr.	POLI 425	International Organizations	3 cr.
HIST 431	Old Regime and Enlightenment: -- 1648.1774	3 cr.	POLI 460	International Politics	3 cr.
HIST 432	French Revolution and Napoleon	3 cr.	RELS 490*	Seminar	3 cr.
HIST 433	Europe in the 19 th Century	3 cr.	SOCL 317	Population	3 cr.
HIST 435	Europe Since 1919	3 cr.	SOCL 460	Social Change and the Future	3 cr.
HIST 440	British History to 1603	3 cr.	SPAN 205	and above	3 cr.
HIST 441	British History Since 1603	3 cr.			
HIST 446	Nazi Germany: The Rise and Fall of the Third Reich	3 cr.			
HIST 447	The Holocaust	3 cr.			
INDS 101	Introduction to the Culture of India	3 cr.			
INDS 211	Epics on Film	3 cr.			
MADM 430	International Business Communication	3 cr.			

6 hours of LSUS study abroad may apply toward the minor, if appropriate.

**490 courses must be international in content. Additional information is available from the International Studies advisors.*

LEGAL STUDIES

Total Hours Required: 21

The Legal Studies minor is designed to familiarize students with the overall scope and function of the legal system as practiced in America. It provides an overview of topics investigated in more detail in further formal legal education. The minor requires 21 hours of coursework, 9 of which are required courses and 12 are electives which must be fulfilled in at least two different subject areas. Students must achieve a 2.0 GPA in all work attempted to fulfill this minor.

Required

POLI 101	Introduction to Politics	3 cr.
POLI 151	American Government	3 cr.
CJ 107	Introduction to Criminal Justice	3 cr.

BLAW 415	Employment Law	3 cr.
BLAW 460	Ethics in Health Care	3 cr.
CJ 301	Criminal Evidence	3 cr.
CJ 353	Criminal Law	3 cr.
COMM 331	Advocacy in Modern Society	3 cr.
ENGL 325	Technical Writing	3 cr.
POLI 211/CJ 211	Judicial Process and the Supreme Court	3 cr.
POLI 411/CJ411	American Constitutional Law	3 cr.

Electives: (12 hours; only those that are not used to fulfill major requirements may be used to fulfill requirements for this minor). Nine hours must be 300-Level or above.

BLAW 230	Personal Law	3 cr.
BLAW 280	Legal Environment of Business	3 cr.
BLAW 324	Real Estate Law	3 cr.
BLAW 332	Business Law I	3 cr.
BLAW 333	Business Law II	3 cr.

POLI 425	International Organizations	3 cr.
POLI 442	Jurisprudence	3 cr.
BLAW 332	Business Law I	3 cr.

LIFE COURSE AND AGING STUDIES MINOR

Total Hours Required: 21

The student choosing to minor in Life Course and Aging Studies must earn 21 hours from the following courses including 9 hours of core requirements.

Required

SOCL 453L	The Aged in Contemporary Society*	3 cr.
PSYC 209	Lifespan Developmental Psychology	3 cr.
KHS 312	Health Aspects of Aging	3 cr.

PSYCH 207	Development of Psychology of the Life Span**	3 cr.
BLAW 460	Ethics in Health Care	3 cr.
FIN 331	Introduction to Investments	3 cr.
FIN 340	Principles of Real Estate	3 cr.
KHS 313	Exercise and Gerontology	3 cr.
KHS 390	Psychology of Sport and Exercise	3 cr.
SOCL 495	Independent Study	3 cr.
SOCL 499	Field Research	3 cr.

Electives:

GEOG 490	Geography Seminar: Geography of Retirement	3 cr.
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*Compressed Video from LSUBR

**LSU Independent Study

PROFESSIONAL COMMUNICATIONS MINOR

Total Hours Required: 21

This flexible, interdisciplinary minor would be useful to all students who anticipate writing as being a regular part of their career, as well as to any student who wants to sharpen their oral and written communication skills. This minor requires a total of 21 semester hours, 9 hours from three Core groups and 12 hours of electives. Students should select these courses in consultation with an English Department advisor. Students select one three-hour course from each of the following groups:

Group 1 3 cr.

COMM 440	Organizational Communication
COMM 355	Interpersonal Communications

Group 2 3 cr.

ENGL 325	Technical Writing
ENGL 326	Writing in the Humanities

Group 3 3 cr.

ISDS 150	Computer Tools
CSC 111	Introduction to Computing
MCOM 280	Desktop Publishing

Total Core Hours: 9

Courses taken for core credit cannot be taken for Elective credit.

Students then choose 12 hours from the following (at least two departments):

COMM 333	Intro to Health Communications	3 cr.
COMM 440	Organizational Communication	3 cr.
COMM 330	Advanced Public Speaking	3 cr.
COMM 355	Interpersonal Communications	3 cr.

COMM 455	Group Dynamics	3 cr.
CSC 111	Introduction to Computing*	3 cr.
ENGL 226	Advanced Composition	3 cr.
ENGL 325	Technical Writing	3 cr.
ENGL 326	Writing in the Humanities	3 cr.
ENGL 328	Creative Writing	3 cr.
ENGL 499	Writing Internship	3 cr.
ISDS 150	Computers Tools for Business*	3 cr.
MADM 210	Business Communication	3 cr.
MADM 301	Behavioral Management of Organizations	3 cr.
MADM 321	Micro-Organizational Behavior	3 cr.
MADM 430	International Business Communication	3 cr.
MCOM 280	Desktop Publishing	3 cr.
MCOM 313	Feature Writing	3 cr.
MCOM 343	Opinion Writing	3 cr.
MCOM 475	Mass Media in Society	3 cr.
MKT 330	Salesmanship	3 cr.

Total Electives: 12

**A student cannot take both CSC 111 and ISDS 150.*

PUBLIC HISTORY MINOR

Total Hours Required: 21

The minor in Public History is an interdisciplinary program that enables students to gain knowledge and skills applicable to multiple career modes in public history and related fields. Students will gain experience in research, interpretation, and public presentation that will help prepare them for professions in historical museums, historic houses and sites, national and state

military parks, historic preservation and conservation, heritage tourism, and education. The program provides for individual development in specific areas of public history. Students are expected to set goals and objectives, and to work closely with supervising professors in developing professional expertise in selected studies.

Required Courses:

HIST 145	United States History to 1877	3 cr.	HIST 370	Introduction to Public History	3 cr.
HIST 146	United States History since 1877	3 cr.	HIST 399	Internship in History	3 cr.
HIST 271	History of Louisiana	3 cr.	HIST 475	Seminar in Local History	3 cr.
			HIST 495	Independent Studies	3 cr.

PUBLIC SAFETY ADMINISTRATION MINOR**Total Hours Required: 21**

The minor in Public Safety Administration provides knowledge of public sector management in general, and specifically equips those students interested in careers in public safety agencies. Drawing upon the disciplines of political science and criminal justice, it exposes the student to basic principles of administration, particularly in the public safety area, as well as presenting an overview of governments and the politics involved which carry out public safety duties and make policy regarding public safety.

6 hours:

POLI 151	American Government	3 cr.	CJ 303	Security Administration of Business and Industry	3 cr.
CJ 107	Introduction to Criminal Justice	3 cr.	CJ 306	Corrections Within the Community	3 cr.

9 hours:

POLI 201	Intro to Public Administration	3 cr.	CJ 435	Women, Crime, and Criminal Justice	3 cr.
CJ 331	Administration of Criminal Justice	3 cr.	CJ 445	Gangs in America	3 cr.
POLI 306	Processes of State Government	3 cr.	POLI 434	Public Policy Evaluation	3 cr.
POLI 307	Urban Politics	3 cr.			

Core Requirements: 15 hours**Electives: 6 hours**

CJ 252	Public Organizations and Community Relations	3 cr.
CJ 254	Juvenile Justice System	3 cr.

NOTE: Any core or elective courses above the 100-level that would be required for the student's major cannot also count toward the 21-hour requirements for this minor but would have to be supplemented by the additional core or elective courses listed here.

ADDITIONAL MINORS

Most of our programs offer students a chance to earn a minor. Below are the requirements of each:

- ❖ **Art History:** 21 hours in art history or related courses. Twelve hours must consist of the required courses: FA 140, 240, 241, 440, and FA 441 with the remaining 9 hours from the option courses: FA 490, FA 495, HIST 428 or HIST 430.
- ❖ **Biological Sciences Minor:** 24 hours consisting of the following courses: 4 hours of BIOS 110, 110L, 4 hours of BIOS 120, 120L; 3 hours of BIOS 210; and 13 hours of BIOS electives at the 300 or 400 level.
- ❖ **Chemistry Minor:** 24 hours consisting of the following courses: 8 hours of CHEM 121, 121L, 124, 124L; 4 hours of CHEM 255, 255L; 8 hours of CHEM 265, 265L, 266, 266L; 4 hours of BCHM, CHEM, or ENSC at the 300 or 400 level.
- ❖ **Computer Science Minor:** 21 hours consisting of the following courses: 3 hours in CSC 115 or ED 202 or MADM 150; 12 hours of CSC 135, CSC 145, CSC 242, CSC 345; 6 hours of CSC electives at the 300 or 400 level.
- ❖ **Criminal Justice:** 21 hours consisting of CJ 107 plus 18 hours of CJ courses, 12 of which must be 300+.
- ❖ **Electronic Media Journalism:** 18 hours consisting of MCOM 285, 375, 433, and 455, plus six hours of MCOM courses.
- ❖ **Electronics Minor:** 22 hours of physics consisting of 7 hours of PHYS 120 and 220, 6 hours of PHYS 251 and 252 or PHYS 261 and 262, and 9 hours of PHYS 320, 420 and 495.
- ❖ **English:** 21 hours consisting of ENGL 200, 205, and 210, plus 12 hours of English courses numbered 226 and above.
- ❖ **Fine Arts:** 21 hours consisting of FA 100 and 150, plus 15 hours of FA courses, nine of which must be 300+.
- ❖ **Film Studies:** 21 semester hours. FILM 110 and FILM 115 are required. Nine of the remaining hours must be from 300-level or 400-level FILM courses.
- ❖ **Foreign Languages:** 21 hours consisting of 101, 102, and 201, plus 12 hours of foreign language courses, 9 of which must be 300+.
- ❖ **Geography:** 21 hours consisting of 105 and 106, plus 15 hours of Geography courses, 9 of which must be 300+.
- ❖ **Geographic Information Systems:** 21 hours consisting of 257, 357, and 420, plus 12 additional hours, three of which must be 300+.
- ❖ **History:** 21 hours consisting of 105, 106, 145, and 146, plus 9 hours of History courses 300+.

- ❖ **Human Services Administration:** 21 hours consisting of ACCT 206, SOCL 302, MKT 310, SOCL 392*, SOCL 492*, SOCL 499, plus an independent study (495) in the student's major. *Cross listed with POLI.
- ❖ **Journalism:** 18 hours consisting of MCOM 115, 317, and 343, plus 9 hours of MCOM courses, three of which must be 300+.
- ❖ **Mass Communications:** 18 hours consisting of MCOM 151, 210, and 285, plus 9 hours of MCOM course all of which must be 300+.
- ❖ **Mathematics Minor:** 21 hours consisting of the following courses: MATH 221, 222, 223 (12 hours), and 9 hours of Math at the 300-level or above. Individual plans for minors must be coordinated and approved by the chair of the Mathematics Department.
- ❖ **Physics Minor:** 23 hours consisting of the following courses: 11 hours of PHYS 120, 261, 261L, 262, 262L; and 12 hours of PHYS electives at the 300 or 400 level.
- ❖ **Political Science:** 21 hours consisting of POLI 101 and 151, plus 15 hours of Political Science courses, 9 of which must be 300+.
- ❖ **Public Relations:** 18 hours consisting of MCOM 210, 305, and 441, plus 9 hours of COMM/MCOM courses three of which must be 300+.
- ❖ **Social Welfare:** 21 hours consisting of SW 105, SW 280, SW 322, SW 360, SOCL 285, PSYC 216, and BIOS 182.
- ❖ **Sociology:** 21 hours consisting of SOCL 142, and 105 or 107, plus 15 hours of Sociology courses, 9 of which must be 300+.
- ❖ **Speech:** 18 hours consisting of COMM 201, 295, and 355, plus 9 hours of COMM courses, six of which must be 300+.
- ❖ **Theatre:** 18 hours consisting of COMM 260, 261, and 400 or 401, plus 9 hours of COMM/MCOM courses, six of which must be 300+.

GRADUATE PROGRAMS IN HUMANITIES AND SOCIAL SCIENCES

Policies and regulations pertaining to the following Masters Degree programs are discussed in detail under "GRADUATE STUDIES."

MASTER OF ARTS IN LIBERAL ARTS

A broadly based program of 33 semester hours, the Master of Arts in Liberal Arts (MLA) offers the mature student a graduate program that is interdisciplinary in nature and nonprofessional in intent. It is oriented towards broad-based learning rather than the highly specialized training of more traditional graduate programs. It seeks to make the liberal arts more accessible to adults from all walks of life--teaching, journalism, law, medicine, social work, business, government, and industry--by meeting the special interests and needs of those already established in their chosen vocations.

The specific purposes and goals of the Master of Arts in Liberal Arts program include the following:

1. To offer a broad, liberal arts education at the graduate level that will enhance the personal intellectual growth that is an asset in any field or vocation.
2. To encourage diverse perspectives that will develop a more comprehensive understanding of the

relationships among the liberal arts, which include such disciplines as communications, philosophy, history, the arts, the social sciences, the natural sciences, and literature and languages.

3. To provide multiple options of study within a flexible and coherent multidisciplinary framework, expanding vocational and avocational interests and stimulating intellectual inquiry.
4. To increase abilities in oral and written communication and competence in the evaluation of information, ideas, opinions, and value systems.

The program is designed for the individual who has reached a level of personal achievement, community responsibility, or professional standing that demands the broad liberal learning essential to analytical thinking, critical judgment, and creative decision-making.

MASTER OF SCIENCE IN HUMAN SERVICES ADMINISTRATION

A multidisciplinary program, the Master of Science in Human Services Administration will offer the advanced knowledge base and training necessary for the administration of human service organizations, including government offices and nonprofit organizations such as homeless shelters, youth organizations, and job training programs. Based on the belief that managing community organizations in the 21st century will require both a commitment to social purpose and effective management, this program recognizes that building community, managing diversity, and nurturing vision have become professional skills as crucial as financial management and strategic planning.

The degree requires 33 hours of credit: 30 hours of courses and three hours of a directed final project. In doing their projects, students will have an opportunity to apply research and theory to practice in a human service organization of their choice. Aimed primarily toward working students, this program will allow them a degree through evening and weekend courses. The program is viewed as a professional development degree for middle and upper-level administrators in human service organizations.

SCHOOL OF MATHEMATICS AND SCIENCES

CURRICULA

BIOCHEMICAL SCIENCE

A strong background in both biology and chemistry as provided by a degree in biochemical science opens many doors to employment and graduate studies. All individuals pursuing careers in medicine must have a fundamental understanding and background in biochemistry. Opportunities for the biochemical sciences major abound in a variety of areas. The Bachelor of Science degree in Biochemical Science will prepare the student for admission to graduate schools of biology and biochemistry; professional schools of health including cardiopulmonary science, medical technology, nursing, physical therapy, occupational therapy, etc.; as well as baccalaureate level positions in research, teaching, and sales. Specific areas of specialization include agriculture, biochemistry, cellular biology, genetics, food technology, forestry, industrial and residential pest management, microbiology, and molecular biology.

Biochemical Science is an interdisciplinary curriculum administered by the Departments of Biological Sciences and Chemistry and Physics to prepare graduates for vocations that utilize chemistry in biological systems. Students interested in graduate studies in biological sciences, chemistry, and related fields should judiciously select electives.

Students majoring in Biochemical Science should select 9 hours from the following courses for their Senior Year upper-level Sciences electives: BCHM 460, BIOS 321, 375, 430, 460, 480, CHEM 303, 304.

BIOCHEMICAL SCIENCE			
Total Hours: 122			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Freshman Seminar 104	3	Biochemistry 210	1
Biological Sciences 110, 110L, 120, 120L	8	Biological Sciences 210, 222, 222L, 363, 363L	11
Chemistry 121, 121L, 124, 124L	8	Chemistry 255, 255L, 265, 265L, 266, 266L	12
English 105, 115	6	English 205, 210, 215, or 220	3
Mathematics 221 ¹	4	Mathematics 222	4
	29		31
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Biochemistry 410, 410L, 412, 412L	10	Mathematics 210 or 260	3
Biological Sciences 320, 320L, 330, 330L	8	History 105, 106, 145 or 146	3
Physics 251, 251L, 252, 252L ¹	8	Humanities (Dance, Drama, Fine Arts, Music) ²	3
Communications 135	3	Social Sciences (200 level) ²	3
Social Sciences ²	3	Senior year upper-level science electives ^{1,3}	9
	32	Electives ^{1,3,4}	9
			30

¹Students interested in graduate studies in biochemistry or chemistry should take PHYS 261, 261L, 262, 262L, CHEM 303, 303L, 304, 304L, 456, and Math 223.

² See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions

³Students interested in graduate studies in biological sciences should choose biological sciences electives.

⁴At least 45 hours of all course work must be at 300-400 level.

BIOLOGICAL SCIENCES

Chair:

Dalton Gossett SC 224A 797.5244

Red River Watershed Management Institute

Gary Hanson SC 121 797.5041

Faculty:

Stephanie Aamodt SC 210 797.5214	Dalton Gossett SC 214 797.5085
Stephen Banks SC 216 797.5220	Tara Williams-Hart SC 220 795.4216
Beverly Burden SC 115D 797.5088	James Ingold SC 212 797.5236
Matyas Buzgo SC 115A 797.5120	Cran Lucas SC 115E 797.5086
Amy-Anne Erickson SC 125 797.5105	

A background in the life sciences opens many doors to employment and graduate studies. All individuals pursuing careers in the health care delivery field must have a fundamental understanding and background in the life sciences. Animal and plant scientists lay the groundwork for their careers with a detailed knowledge gained from various life science courses. Opportunities for the biological science major abound in a variety of areas. The Bachelor of Science degree in Biology will prepare the student for admission to graduate schools of biology; professional schools of medicine, dentistry, and veterinary medicine; and various allied technology, nursing, physical therapy, occupational therapy, etc.; as well as baccalaureate level positions in research, teaching and sales. Specific areas of specialization include agriculture, cellular biology, genetics, conservation, environmental science, food technology, forestry, wildlife management, industrial and residential pest management, and microbiology. Students majoring in Biological Sciences will complete 21 hours in the biology core, 11 hours of 200+ level science electives, and at least 20 hours in one of the following areas of concentration:

Molecular and Cellular Biology: BIOS 320/320L, 321/321L, 330/330L, 334/334L, BIOS 345/345L, 350/350L, 351/351L, 375/375L, 380/380L, 387/387L, 430/430L, 460, 465, 470, 480, 485/485L, 490 (when topic is appropriate), BCHM 410/410L, BCHM 412/412L, or BCHM 430

Field and Organismal Biology: BIOS 222/222L, 226/226L, 320/320L, 334/334L, 340/340L, 360/360L, 345/345L, 350/350L, 365/365L, 370/370L, 371/371L, 372/372L, 374/374L, 375/375L, 376/376L, 380/380L, 387/387L, 435/435L, 446/446L, 470, 471, 472, 480, 485/485L, or 490 (when topic is appropriate).

Environmental Science: ENSC 101, 320, 330, 411, 420, 421, 430, 441, 490, 491, 495, BIOS 345/345L, 350/350L, 371/371L, 446/446L, 465, 471, 472, CHEM 255 / 255L, 259, 366, GEOL 205, or PHYS 220

BIOLOGICAL SCIENCES			
Total Hours: 128			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Freshman Seminar 104 or approved elective ²	3	Biological Sciences 210, 363, 363L	7
Biological Sciences 110, 110L, 120, 120L	8	Biological Sciences 224, 224L	4
Chemistry 121, 121L, 124, 124L	8	Communications 135	3
English 105, 115	6	Chemistry 265, 265L ³	4
Mathematics ¹ 221, 210	7	English 205, 210, 215, or 220	6
	32	Social Sciences ^{4,5}	4
		Concentration	4
		Elective ^{6,7,8}	32
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Physics 251, 251L ²	4	Biological Sciences 440, 440L	4
History 105, 106, 145, or 146	3	Biological Sciences 495	1
English 325	3	Concentration	4
Computer Science 115	3	Fine Arts ⁵	3
Electives ^{2,3,4,7}	7	Electives ^{6,7,9}	9
Concentration	12	Science Electives ⁷	11
	32		32

¹Students not prepared to begin with MATH 221 should take one of the following courses or sequences of courses as electives (depending on ACT/SAT scores or consent of the department): MATH 121 AND 122, MATH 121 AND 150, OR MATH 150

²Biology majors entering LSUS with less than 30 hours must take Freshman Seminar 104.

³Students in the Pre-Med or Pre-Dental curricula are required to take Chemistry 266, 266L and Physics 252, 252L for admission into professional school.

⁴The six hours of Social Sciences must be taken from at least two of the following areas: Anthropology, Political Science, Economics, Psychology, Geography, and Sociology. At least three hours must be above the freshman level.

⁵See "General Education Course Requirements" under "Degree Requirement" for restrictions.

⁶Students planning to attend graduate school are encouraged to take 6 hours of foreign language.

⁷Science electives must be at the 200 level or higher.

⁸Students planning to apply for a physical therapy program should take BIOS 282 and are required to take BIOS 387, 387L for admission into professional school.

⁹Environmental science concentrations students should take GEOL 105 and GEOL 205.

CHEMISTRY

Chair:

Cynthia Sisson SC 112B 797.5246

Faculty:

Elizabeth Zippi Bida	SC 332	797.5305	Decker Moore	SC 112D	797.5284
Gary Boucher	SC 114A	797.5192	Brian Salvatore	SC 308	797.5224
Kui Chen	SC 326	797.5133	Richard Thompson	SC 330	797.5087
Wayne Gustavson	SC 328	797.5091	Laura Whitlock	SC 112A	797.5238
Elahe Mahdavian	SC 312	797.5227			

Chemistry, the central science, is an excellent springboard to careers in many specialized areas—from biotechnology and materials science to environmental protection. About 60% of B.S. graduates will work in industries ranging from huge multinational corporations to small entrepreneurial firms with the balance in academic, biomedical, and public sector institutions. Most chemists are involved in either research and development or production of chemicals and materials. Many laboratory chemists perform analyses for biomedical, forensic, environmental, and production quality control purposes. Others are responsible for facility environmental health and product applications.

CHEMISTRY¹			
Total Hours: 122			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Freshman Seminar 104	3	Chemistry 255, 255L, 265, 265L, 266, 266L, 290	13
Chemistry 121, 121L, 124, 124L	8	Physics 261, 261L, 262, 262L	8
English 105, 115	6	Mathematics 223 ³ , 254, 260, or 355	3
Mathematics 221 ² , 222 ²	8	English 205, 210, 215, or 220	3
Computer Science 135	3	Social Sciences ⁴	3
Communications 135	3		30
	<u>31</u>		
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Chemistry 301, 303, 303L, 304, 304L, 366	15	Biochemistry 410	3
Social Sciences (200 level) ⁴	3	Chemistry 430, 456, 456L, 467, 470, 490	13
Biology 110	3	History 105, 106, 145 or 146	3
Elective ⁵	3	Fine Arts or Music ⁴	3
Science or Mathematics (200-400 level elective)	6	Electives ⁵	9
	<u>30</u>		<u>31</u>

¹American Chemical Society Certified Curriculum

²Students not prepared to begin with MATH 221 should take one of the following courses or sequences of courses as electives (depending on ACT/SAT scores or consent of the department): MATH 121 and 122, MATH 121 and 150, or MATH 150.

³Mathematics 223 is a 4-hour course.

⁴See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions

⁵At least 45 hours of all course work must be at 300-400 level.

COMPUTER SCIENCE

Chair:

Leslie Fife TC 206 797.5093

Faculty:

Krishna Agarwal	TC 249	795.4283	Urska Cvek	TC 215	795.4266
Emre Celebi	TC 248	797.5324	John Sigle	TC 217	797.5300
Adrienne Critcher	TC 214	795.4282	Marjan Trutschl	TC 216	797.5131

A Bachelor of Science degree in Computer Science qualifies students for employment with local, state, regional, and federal agencies. Banks, accounting firms, manufacturing, and service agencies employ programmers to assist with computer systems. A system analyst's position is usually obtained after a few years of employment as a programmer. Some students go on to get their graduate degrees in Computer Science in preparation for a career in research or teaching. An internship or part-time work is recommended in order to establish a relationship with an employer before graduation.

The Department has set the following objectives for graduates of the Computer Science program:

- Be able to analyze a significant real-world problem and design and implement a computer-based solution.
- Be able to write technical documents, such as problem analyses, design plans, and users' manuals.
- Be able to work effectively as part of a technical software design team.
- Be able to orally report on results and present finished projects.
- Be prepared to enter the workforce or pursue graduate study in computer science.
- Develop an awareness of ethical issues facing technical professionals.
- Have an understanding of the underlying foundations of computer science.

A student graduating in computer science must have a grade of "C" or better in each of the core computer science courses before the subsequent core course is taken. The core courses are: CSC 135, 145, 242, 285, 315, 345, 346, 382, 405, 460, 480, 481 and 485.

COMPUTER SCIENCE			
Total Hours: 120			
<i>FRESHMAN YEAR</i>	<i>Sem. Hrs.</i>	<i>SOPHOMORE YEAR</i>	<i>Sem. Hrs.</i>
Freshman Seminar 104 ⁶	3	Computer Science 242, 285, 315	9
Computer Science 135 ¹ , 145	6	Mathematics 222, 260	7
Mathematics 201, 221 ²	7	Laboratory Science Sequence ³	8
English 105, 115	6	English (literature)	3
History	3	Economics 201 or 202	3
Communications 135	3		30
Social or Behavioral Sciences ⁴	3		
	31		
<i>JUNIOR YEAR</i>	<i>Sem. Hrs.</i>	<i>SENIOR YEAR</i>	<i>Sem. Hrs.</i>
Computer Science 345, 346, 382	9	Computer Science 405, 460, 480, 481, 485	13
Mathematics 254	3	Computer Science (400 level)	6
Computer Science (400 level)	3	Electives	4
Electives	9	Science Elective ⁵	3
English 325	3	Fine Arts	3
Science Elective ⁵	3		29
	30		

¹ Students not prepared to begin with Computer Science 135 should take Computer Science 115 and 120 as electives.

² Students not prepared to begin with Mathematics 201 or 221 should take Mathematics 121 and 150 as electives.

³ The student must elect an eight-hour sequence from among BIOS 110, 110L-BIOS 120, 120L; CHEM 121, 121L-CHEM 124, 124L; or PHYS 261, 261L-PHYS 262, 262L.

⁴ The 6 hours of social and behavioral sciences must be chosen from at least 2 of the following areas: Anthropology, Geography, Political Science, Psychology, or Sociology. See "General Education Course Requirements" under **Degree Requirements** for restrictions.

⁵ Students must elect two additional three-hour courses from Biology, Chemistry, or Physics, provided that every major completes at least one course in Biology and at least one Physics or Chemistry course, and that no courses labeled "for non-science students" be used to satisfy this requirement. See "General Education Course Requirements" under **Degree Requirements** for restrictions.

Accredited by the Computing Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012.

COMPUTER INFORMATION SYSTEMS

The Bachelor of Science degree in Computer information Systems focuses on the computer-based technologies that permeate modern commerce, including data base systems, Web-centered applications, and computer networking and communications. In addition, it provides a foundation in the basic areas of business including management, marketing, accounting and finance. This program will allow a student to gain both the technological expertise and the business perspective necessary to work on technical problems within a business domain. This combination of knowledge and skills will enable the graduate of this program to effectively apply the tools and techniques of computing technology to tackle the ever changing challenges of businesses. Students graduating from the program will have up-to-date skills that are in high demand by industries both locally and nationally. The courses in business that are required for this degree are the required coursework prerequisites for entering the Master of Business Administration program at LSUS. Students will also be prepared for the MSCST program at LSUS.

COMPUTER INFORMATION SYSTEMS			
Total Hours 120			
<u>Freshman Year</u>	<u>Sem. Hrs.</u>	<u>Sophomore Year</u>	<u>Sem. Hrs.</u>
Freshman Seminar ²	3	Computer Science 135, 145, 230, and 242	12
Computer Science 115 and 120	6	Mathematics 201 and 260	6
Mathematics 121, 131	6	Business Law 280	3
Communications 135	3	English (literature)	3
English 105, 115	6	Science sequence	6
Social/Behavioral Science ¹	<u>6</u>		30
	30		
<u>Junior Year</u>	<u>Sem. Hrs.</u>	<u>Senior Year</u>	<u>Sem. Hrs.</u>
Computer Science 315, 345, and 382	9	Computer Science 425, 435, 438, and 485	10
Accounting 205 and 206	6	Finance 301	3
English 325	3	Marketing 301	3
Management 301	3	History	3
Economics 285 ³	3	Fine Arts	3
Science Electives	3	Electives	<u>8</u>
Elective	<u>3</u>		30
	30		

¹The 6 hours of social and behavioral sciences must be chosen from at least 2 of the following areas: Anthropology, Geography, Political Science, Psychology, or Sociology. See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

²Freshman Seminar 104 is required of all first-time freshmen, and all transfer students with fewer than 30 credit hours. Other students may substitute an elective.

³Can substitute ECON 201 and ECON 202, one of which can satisfy the General Education Social and Behavioral Sciences requirement.

The 4+1 program is designed for CS and CIS undergraduates who have 30 or fewer hours left to complete their requirements for the bachelor's degree and have maintained a cumulative GPA of at least 3.0. Such students may be permitted to register for and receive graduate credit in courses, provided they register for and complete in consecutive regular semesters all the remaining courses required for the bachelor's degree. The students must successfully complete all undergraduate degree credit courses taken once graduate courses are begun in order to retain the privilege of obtaining graduate credit while still an undergraduate. Six (6) hours of graduate credit courses in the School of Mathematics and Sciences may be counted towards both the BS degree and the MSCST degree for those who have been admitted to this program and to the MSCST program.

The following admission requirements to the MSCST program must still be satisfied:

- A student entering the Computer Systems Technology degree program must schedule an interview with the MSCST program director and must complete a separate program application form.
- The MSCST applicant must submit a score of 900 or better obtained by adding the verbal and quantitative portions of the GRE. The GRE must be taken prior to admission to the program.

MATHEMATICS

Chair:

Tibor Szarvas BH 430 797.5377

Faculty:

Judith Covington	BH 454	797.5354	Wanda Moseley	BH 452	798.4124
Daniel Goodwin	BH 414	797.5347	Carlos Spaht	BH 413	795.4258
Zsolt Lengvarszky	BH 420	795.2395	Debbie Shepherd	BH 422	795.2393
Richard Mabry	BH 416	797.5352	Curtis Wesley	BH 456	795.2398
Rogers Martin	BH 448	797.5177			

Great jobs are available for mathematicians. Men with degrees in mathematics have the second highest median earnings, while the earnings of females rank in the top ten (Monthly Labor Review, December 1995). Jobs in the mathematical sciences—pure and applied mathematics, operations research, statistics, management science, teaching, and actuarial science—are considered the "best" jobs when one considers such critical factors as income, physical demands, security, stress, and work environment. In fact, almost all of the top fifty jobs require a significant amount of mathematical reasoning and knowledge (Jobs Rated Almanac, 1995). In addition, employment opportunities for mathematicians are expected to increase rapidly through the year 2005.

The Department of Mathematics prepares students for job opportunities as well as for graduate school. In addition to the degree in pure math and secondary education, students can receive training in other mathematical areas such as finance, actuarial science and computer science. Also, students can minor in mathematics.

Excellent classroom instruction combined with a holistic view of the student is the major emphasis of the department. Faculty members work closely with math majors and assist them in writing resumes, obtaining internships, and finding jobs and/or graduate schools. In addition, the department houses two state-of-the art multimedia computer labs which utilize the most up-to-date software.

There are many activities for students including luncheons with faculty, a math club, an outreach tutorial service, help sessions in algebra and calculus staffed by faculty, and opportunities for involvement in research, math contests, and community-interest projects.

The table below contains the curriculum in mathematics. A student may graduate in mathematics with a focus area in applied mathematics: the freshman and the sophomore courses are the same; the remaining courses must be coordinated with the student's advisor.

MATHEMATICS Total Hours: 121			
<i>FRESHMAN YEAR</i>	<u>Sem. Hrs.</u>	<i>SOPHOMORE YEAR</i>	<u>Sem. Hrs.</u>
Freshman Seminar 104	3	Biological Sciences	4
Communications 135	3	Economics 201 or 202	3
Computer Science 135, 145	6	Social Sciences Elective	3
English 105, 115	6	Fine Arts	3
Mathematics 201, 221 ¹ , 222	<u>11</u>	Mathematics 223, 235, 254	10
	29	Physics 261, 261L, 262, 262L ²	<u>8</u>
			31
<i>JUNIOR YEAR</i>	<u>Sem. Hrs.</u>	<i>SENIOR YEAR</i>	<u>Sem. Hrs.</u>
Chemistry	4	Chemistry or Astronomy	3
English 325	3	Foreign Language	3
Humanities	3	Mathematics (two-semester sequence) ⁴	6
Foreign Language ³	3	Mathematics 461	3
Mathematics 331, 355, 455	9	Sciences 498	2
Mathematics Elective	3	Electives ⁵	<u>12</u>
Mathematics 398	1		29
Electives ⁵	<u>6</u>		
	32		

¹Students not prepared to begin with MATH 221 should take one of the following courses or sequences of courses as electives (depending on ACT/SAT scores or consent of the department): MATH 121 and 122, MATH 121 and 150, or MATH 150.

²This sequence fulfills the University's general education requirement for a two-semester sequence in science.

³Work must be in one language.

⁴The sequence may be any one of the following: MATH 420, 421; MATH 436, 437; MATH 451, 452; MATH 455, 456; or MATH 461, 462.

⁵For the electives, at least 18 hours must be selected in 300- or 400-level courses, which usually have prerequisites. Electives may not include mathematics courses below 200 (with the exception of MATH 121 and 122), PHSC 105, 106, and 201, or more than 3 semester hours of service courses.

PHYSICS

A Bachelor of Science degree in Physics offers an excellent starting point for students interested in future graduate studies in physics or engineering, as well as providing a solid foundation for students seeking a career in a variety of laboratory, industrial, or engineering settings. The physics program at LSUS is supported by faculty members with areas of specialization in general physics, computational physics, astrophysics, and electronics. Additional courses are offered in electronics and physics in support of the computer science program, and a secondary education science-physics degree is offered through the College of Education and Human Development.

Students majoring in Physics will complete 16 hours in one of the following areas of Concentration:

Applies Physics: PHYS 220, 320, 420, 425

Theoretical Physics: ASTR, MATH or PHYS 200+ (3 cr.), PHYS 326 (3 cr.), PHYS 375 (3 cr.), PHYS 495(1 cr.), and ASTR, MATH or PHYS 300+ (6 cr.).

PHYSICS			
Total Hours: 121			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Freshman Seminar 104	3	English 205, 210, 215, 220, or 325	3
English 105, 115	6	Social Sciences ¹	3
Mathematics 221, 222	8	Mathematics 223, 254, 355	10
Chemistry 121, 121L, 124, 124L	8	Computer Science 135	3
Computer Science 115	3	Physics 261, 261L, 262, 262L	8
Physics 120	<u>3</u>	Concentration	<u>3*</u> or <u>4†</u>
	31		30* or 31†
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
History 105, 106, 145 or 146	3	Humanities ¹ (Dance, Drama, Fine Arts, Music)	3
Communications 135	3	Physics 325, 475	6
Social Sciences (200 level) ¹	3	Physics 462, 463	2
Biology	3	Physics 300+	3
Physics 302, 335, 365	9	Concentration	8 ¹ or 10*
Concentration	3* or 4 ¹	Mathematics or Science 300 - 400 Electives	3
Mathematics or Science 300 - 400 Elective	<u>3</u>	Electives ²	<u>6</u>
	27* or 28 ¹		31 ¹ or 33*

¹See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions

²A foreign language sequence is suggested for students intending to pursue graduate studies.

*Theoretical Physics concentration

†Applied Physics concentration

PRE-MEDICAL CAREERS PREPARATION PROGRAM

ALLIED HEALTH SCIENCES PREPARATORY PROGRAMS

Entrance into the LSU School of Allied Health Occupational Therapy and Physical Therapy programs at both the New Orleans and Shreveport campuses require an undergraduate degree before entering the Master of Physical Therapy program offered through the School of Allied Health Professions at LSU Health Sciences Center-Shreveport and at LSU in New Orleans. The baccalaureate degree can be in any major, but because of the science requirements for entrance into the Physical Therapy program, students usually major in biochemistry, biological sciences, chemistry, or physics. Those students planning to apply to either the Occupational Therapy or the Physical Therapy program should contact the Allied Health Sciences advisor in the Department of Biological Sciences.

The admission prerequisites for Pre-Occupational Therapy and Pre-Physical Therapy are as follows:

PRE-OCCUPATIONAL THERAPY

<u>REQUIRED COURSES</u>	<u>Sem. Hrs.</u>
Biological Sciences 282, 282L	4
Biological Sciences 280	3
Physics 251, 251L	4
Chemistry 121	3
Psychology 405	3
Human Development Through the Lifespan	3-6*
Computer Sciences elective	3
Sociology 105	3
Mathematics 210	<u>3</u>
	29-32

*Three hours if Lifespan is covered in one semester, 6 hours if two semesters are needed.

Also Required:

- Bachelor's Degree
- Graduate Record Exam
- CPR Certification, must be valid during enrollment
- 20 hours of Clinical Observation under supervision of a licensed occupational therapist
- Computer with Internet access and Microsoft Office 2000

Strongly Recommended:

- Medical Terminology
- Technical Writing

PRE-PHYSICAL THERAPY

<u>REQUIRED COURSES</u>	<u>Sem. Hrs.</u>
Biology 120, 120L, 222, 222L	8
Chemistry 121, 121L, 124, 124L	8
Computer Science elective	3
English 105, 115	6
Math 121	3
Psychology 152	3
Biology 280, 282 ¹	6
Biology 300 or 400 level ²	3
Communications 135	3
English 200 level or above ³	3
Math 210	3
Physics 251, 251L, 252, 252L	8
Psychology elective ⁴	3
	<u>60</u>

¹280L and 282L are also recommended but not required

²Biology 320, 330, or 334 recommended

³English 325 is recommended

⁴Abnormal Psychology or Growth and Development recommended

The following pre-preparatory allied health sciences curricula prepares students to complete their degrees at the School of Allied Health Professions at LSU Health Sciences Center-Shreveport.

PRE-CARDIOPULMONARY SCIENCE

*(Bachelor of Science degree offered through the School of Allied Health Professions
at LSU Health Sciences Center-Shreveport and in New Orleans)*

This curriculum is designed for students desiring to apply for entry into the professional curricula in Cardiopulmonary Science (Respiratory Therapy and Cardiopulmonary Technology) offered through the LSU Health Sciences Center-Shreveport. The degree program provides the education and training in the areas of prevention, diagnosis, management, and rehabilitation of people with heart and lung disorders. In addition, the baccalaureate therapist and technologist is a potential educator or supervisor in Cardiopulmonary departments. The program is a baccalaureate degree program offering a dual Bachelor of Science in both Respiratory Therapy and Cardiovascular Technology. For more information contact the Program Coordinator, Cardiopulmonary Science at LSU Health Sciences Center-Shreveport, School of Allied Health Professions, 1501 Kings Highway, Shreveport LA 71130. To be eligible for admission to the program a student must complete a minimum of 60 credit hours as specified below:

ALLIED HEALTH SCIENCES PRE-CARDIOPULMONARY SCIENCE			
Total Hours: 61			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Biological Sciences 120, 120L, 282, 282L	8	Art elective	3
Chemistry 121, 121L, 124, 124L	8	Biological Sciences 320, 320L, 280, 280L	8
English 105, 115	6	Humanities Electives	6
Mathematics 121, 122	6	Physics 251, 251L	4
Humanities elective	3	Psychology 152	3
	31	Computer Science 111	3
		Science elective	3
			<u>30</u>
<u>JUNIOR AND SENIOR YEARS</u>			
Admission to the curriculum in Cardiopulmonary Science at the LSU Health Sciences Center-Shreveport, LSU School of Allied Health Professions is on a competitive basis.			
<u>RECOMMENDED ELECTIVES</u>			
Humanities: English literature, technical writing, advanced composition, or foreign language			
Science: Comparative anatomy, embryology, organic chemistry			
Art: Music or fine arts			

PRE-CLINICAL LABORATORY SCIENCES

{Previously: Pre-Medical Technology}

*(Bachelor of Science degree offered through the School of Allied Health Professions
at LSU Health Sciences Center-Shreveport and in New Orleans)*

LSUS offers prerequisite work designed to prepare the student to apply for admission to the Bachelor of Science degree program, Department of Clinical Laboratory Sciences, School of Allied Health Professions, LSU Health Sciences Center-Shreveport. Upon completion of the degree requirements for this program, the LSU Health Sciences Center-Shreveport will award the degree. A student planning to enter this program should contact the Department of Clinical Laboratory Sciences at the LSU School of Allied Health Professions, 1501 Kings Highway, Shreveport LA 71130 during their second semester at LSUS for detailed information concerning admission requirements. To be eligible for admission to the program a student must complete a minimum of 79 hours as specified below:

ALLIED HEALTH SCIENCES PRE-CLINICAL LABORATORY SCIENCES			
Total Hours: 79			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Biological Sciences 120, 120L, 222, 222L	8	Biological Sciences 320, 320L	4
Communications 135	3	Chemistry 121, 121L, 124, 124L	8
English 105, 115	6	Computer Science 111	3
Mathematics 121, 122	6	Electives	6
Social Science	3	English (200-level)	3
	26	Humanities	3
			27
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	
Biological Sciences 321, 321L, 351, 351L	8	Through competitive application to LSU Health Sciences Center-Shreveport	
Chemistry 255, 255L, 259, 265	8		
Elective	1		
Fine Arts	3		
Humanities (200 level)	3		
Social Science (200 level)	3		
	26		

PRE-PHYSICIAN ASSISTANT

*(Bachelor of Science degree offered through the School of Allied Health Professions
at LSU Health Sciences Center-Shreveport)*

LSUS offers prerequisite work designed to prepare the student to apply for admission to the Bachelor of Science degree program in Physician assistants. The physician assistant is a health care professional who is academically and clinically prepared to provide health and medical services with and under the supervision of a doctor of medicine. This program is a 27-month academic and clinical experience offered at LSU Health Sciences Center-Shreveport, School of Allied Health Professions. Applicants to the Physician Assistant program are required to have completed 1,000 hours of work experience in the medical profession.

ALLIED HEALTH SCIENCES PRE-PHYSICIAN ASSISTANT			
Total Hours: 63			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
English 105, 115	6	Physics 251, 251L	4
Mathematics 121 and 122 or 210	6	History	3
Chemistry 121, 121L, 124, 124L	8	Communications 135	3
Psychology 152	3	English 200 Level	6
Biological Science 120, 120L	4	Fine Arts 140 or Music 120	3
Social Science Elective	3	Psychology Elective	3
Computer Sciences 111	3	Biological Science 280, 280L or 282, 282L	4
	33	Biological Science 320, 320L	4
			30
<u>JUNIOR AND SENIOR YEARS</u>			
Admission to the curriculum in Pre-Physician Assistant at the LSU School of Allied Health Professions is on a competitive basis.			
<u>RECOMMENDED ELECTIVES</u>			
COMD 120: Medical Terminology			

OTHER BIOMEDICAL PREPARATORY PROGRAMS

Programs designed to prepare the student for admission to continue in a four-year curriculum at another university are outlined below. These outlines are intended only as guides. The general catalog of the university where a student plans to complete the degree is used to plan the two-year program at LSUS.

PRE-MEDICAL AND PRE-DENTAL

Students who plan to pursue medicine or dentistry as a profession should select a degree program that will adequately prepare them for entry into a professional school yet provide ample opportunity to pursue additional interests in varied academic disciplines. Most professional schools stress a four-year degree program as the best possible preparation. Students may select any major; however, they and their adviser must be sure that the major program selected includes those courses required by the medical or dental school and offers sufficient free electives to include 40 to 50 hours of science.

Students interested in attending medical or dental school usually major in biochemistry, biological sciences, or chemistry. Please see the Pre-medical/Pre-dental advisor in the Department of Biological Sciences for assistance in selecting the necessary course work, taking the MCAT or DCAT, or filing an application for admission to the medical or dental school.

PRE-DENTAL HYGIENE PROGRAM

(Bachelor of Science degree offered through the LSU School of Dentistry in New Orleans)

This curriculum is specifically for students that apply for the professional curricula in Pre-Dental Hygiene for a Bachelor of Science degree from Louisiana State University School of Dentistry in New Orleans, Louisiana or other accredited universities.

Year One and Two comprises the pre-professional program in Dental Hygiene. These courses will be taken at LSUS. Transfer students from other accredited universities or colleges will have to satisfy these curricular requirements.

PRE-DENTAL HYGIENE			
Total Hours: 61			
<i><u>FRESHMAN YEAR</u></i>	<u>Sem. Hrs.</u>	<i><u>SOPHOMORE YEAR</u></i>	<u>Sem. Hrs.</u>
Biological Sciences 120, 120L, 320, 320L	8	Biological Sciences 280, 280L, 282, 282L	8
Chemistry 101 or 121, 112 or 124	6	Communications 135	3
English 105, 115	6	Computer Science 111	3
Math 121	3	Math 122	3
Psychology 152	3	Humanities electives*	9
Fine Arts 140	3	English 205 or 210	3
	29	Sociology 105	3
			<u>32</u>

**Recommended General Education Humanities Electives are listed in the 2000-2001 LSU in Shreveport Catalog as English Literature, Philosophy, Foreign Language, Communications, History and Anthropology.*

PRE-NURSING

LSUS offers a pre-nursing program that prepares students to enter the professional nursing curriculum leading to the Bachelor of Science in Nursing at either Northwestern School of Nursing or LSU Health Sciences Center School of Nursing in New Orleans. Admission to nursing school is on a competitive basis. Applications for admission to the sophomore year must be submitted well in advance of the anticipated date of entrance to complete three years of study. Students are accepted in the fall and spring of each year.

Pre-nursing requirements vary with each professional school of nursing, and entrance to each school is competitive. Prospective nursing students should obtain the entrance requirements from each school to which they will seek admission.

The following program is designed only for students planning to apply for a Bachelor of Science degree in nursing at Northwestern School of Nursing or LSU Health Sciences Center School of Nursing in New Orleans:

PRE-NURSING			
Total Hours: 51+			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Biological Sciences 120, 120L	4	Biological Sciences 320, 320L	4
Chemistry 110 or 121, 121L, 112	7	Biological Sciences 280, 280L, 282, 282L	8
Communications 135	3	English 205 or 210	3
English 105, 115	6	Kinesiology and Health Sciences 235	3
Kinesiology and Health Sciences 215	1	History elective	3
Mathematics 121, 210	6		3
Psychology 152	3		21
	30		

+also courses needed to meet requirements of student's anticipated transfer university

PRE-OPTOMETRY

The Pre-Optometry curriculum includes the coursework necessary to enter Colleges of Optometry that are members of the American Optometry Association. This curriculum is intended only as a guide. It indicates those courses needed for the OAT exam. For information about schools and colleges of optometry write the American Optometry Association, St. Louis, Missouri 63141 or the Association of Schools and Colleges of Optometry, Washington, D.C. 20036. The school closest to northwest Louisiana is the College of Optometry, University of Houston, 4913 Calhoun, Houston, Texas 77004.

PRE-OPTOMETRY			
Total Hours: 68+			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Biological Sciences 120, 120L, 222, 222L	8	Biological Sciences 320, 320L, 372, ¹ 372L, ¹ 387, 387L	12
Chemistry 121, 121L, 124, 124L	8	Chemistry 265, 265L	4
English 105, 115	6	Physics 251, 251L, 252, 252L	8
Mathematics 121, 122	6	Mathematics 221, 260	7
Psychology 152	3	Social Science Elective	3
Sociology 105	3		33
	34		
<u>RECOMMENDED ELECTIVES:</u> Social Science: psychology, sociology, history, political science			

¹Recommended, not required

PRE-PHARMACY CURRICULUM FOR UNIVERSITY OF LOUISIANA, MONROE (ULM)

(Effective for the Class Entering the ULM D. Pharm. Program in Fall 2009)

(LSUS course numbers are shown here)

LSUS offers coursework to prepare a student to apply for admission to the College of Pharmacy and Health Sciences at ULM. Three years of college coursework in specified areas is required to be eligible for admission to this program. The following pre-pharmacy curriculum is intended only as a guide. A student interested in pharmacy should consult with an adviser from the College of Sciences during his or her first semester at LSUS.

PRE-PHARMACY CURRICULUM FOR UNIVERSITY OF LOUISIANA, MONROE (ULM)			
Total Hours: 140			
FIRST YEAR			
<u>First Semester</u>	<u>Sem. Hrs.</u>	<u>Second Semester</u>	<u>Sem. Hrs.</u>
UNIV 100	1	ENGL 115	3
ENGL 105	3	CHEM 124	3
CHEM 121	3	CHEM 124L	1
CHEM 121L	1	MATH 221	4
MATH 150	3	BIOS 120	3
Humanities Elective	3	BIOS 120L	1
Social Science Elective	3	Humanities Elective	3
	17		18
SECOND YEAR			
<u>First Semester</u>	<u>Sem. Hrs.</u>	<u>Second Semester</u>	<u>Sem. Hrs.</u>
CHEM 265	3	CHEM 266	3
CHEM 265L	1	CHEM 266L	1
MATH 222	4	BIOS 330	3
BIOS 282	3	COMM 135	3
BIOS 282L	1	MADM 210	3
ECON 201 or 285	3	Fine Arts Elective	3
Humanities Elective	3		16

PRE-PHARMACY CURRICULUM FOR UNIVERSITY OF LOUISIANA, MONROE (ULM)			
Total Hours: 140			
	18		
THIRD YEAR			
<u>First Semester</u>	<u>Sem. Hrs.</u>	<u>Second Semester</u>	<u>Sem. Hrs.</u>
BCHM 410	3	MATH 260	3
PHYS 251 or 261	3	MADM 301	3
PHYS 251L or 261L	1	PHYS 252 or 262	3
BIOS 363	3	PHYS 252L or 262L	1
ENGL 325	3	BIOS 320 or 351	3
BIOS 280	3	BIOS 320L or 351L	1
BIOS 280L	1	KHS 215	1
	17	BIOS 387	3
			18

NOTE: Under this new curriculum, the pre-pharmacy track at LSUS is just 24 credit hours short of a bachelor's degree at LSUS. Thus, pre-pharmacy students are encouraged to earn a 4-year degree from LSUS (e.g., a B.S. in Biochemical Science) before enrolling in ULM's College of Pharmacy.

Electives: A total of 15 hours (5 courses) of electives are required for admission into ULM's College of Pharmacy. These are divided into three categories as follows:

1. Humanities Electives: Students may take 9 hours of any foreign language, history, religion, speech, philosophy, or literature courses.
2. Fine Arts Electives: A minimum of one 3-hour course is required. You may select one of the following courses:
FA 140: (Introduction to Fine Arts) or MUS 120: (Music Appreciation)
Note that acceptable fine arts electives are survey courses in Fine Arts, Art, Dance, Music, or Theatre. Applied courses, such as drawing, painting, sculpture, ceramics, dancing are not acceptable as fine arts electives.
3. Social Science Electives: A minimum of one 100-level course (3 hours) from any one of these areas is required: Sociology, Geography, or Political Science.

The ULM College of Pharmacy's application deadline is currently February 1st. The *PharmCAS* application, the College of Pharmacy supplemental application, and the ULM undergraduate admission application are also due February 1st. Please check the program's website at www.ulm.edu/pharmacy for the most up-to-date admissions information and instructions. The application cycle begins June 1st of each year and ends with the published deadline.

PRE-RADIOLOGIC TECHNOLOGY

LSUS offers course work to prepare a student to apply for admission in the Radiologic Technology degree at either Northwestern State University, Department of Life Sciences, Natchitoches, LA 71497 or the University of Louisiana at Monroe, Monroe, LA 71209. The radiologic technologist is a health care professional who will administer x-rays, radioactive substances, and sound waves in the detection and treatment of diseases, evaluation of broken bones, ulcers, tumors and a variety of other physiological conditions. At least two years of college work in specified areas is required to be eligible for admission to the clinical program in radiologic technology.

PRE-RADIOLOGIC TECHNOLOGY			
Total Hours: 67			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Biological Sciences 120, 120L, 222, 222L	8	Communications 135	3
Chemistry 121, 121L, 124, 124L	8	Computer Science 111	3
English 105, 115	6	English elective	3
Mathematics 121, 122	6	Fine Arts elective	3
Psychology 152	3	Health and Physical Education 215 and 435	4
Sociology 105	3	History elective	3
	34	Physics 251, 251L, 252, 252L	8
		Biological Sciences 282	3
		Social Science elective*	3
			33
*RECOMMENDED ELECTIVES: Social Science: Anthropology, geography, political science, sociology 255 or 375			

OTHER SCIENCE PREPARATORY PROGRAMS

The two-year curricula in these preparatory programs are based on corresponding four-year curricula. The general catalog of LSU Baton Rouge should be consulted for specific courses to be scheduled.

PRE-AGRICULTURE PROGRAMS

Two-year pre-agriculture programs may be planned for the following four-year curricula: agricultural business, agricultural economics, agricultural mechanization, animal science, crop science, dairying (four options), entomology, food science and technology, general agriculture, general horticulture, poultry science, rural sociology, and soil science.

PRE-GENERAL AGRICULTURE			
Total Hours: 67			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Agriculture 101	1	Biological Sciences 224, 224L	4
Biological Sciences 120, 120L, 222, 222L	8	Biological Sciences 320, 320L	4
Chemistry 121, 121L, 124, 124L	8	Biological Sciences 363, 363L	4
English 105, 115	6	Physics 251, 252	6
Mathematics 121, 122	6	Chemistry 265, 265L, 266, 266L	8
Electives	<u>3</u>	Communications 135	3
	32	Approved electives (Social Sciences)	<u>6</u>
			35

PRE-ANIMAL SCIENCE			
Total Hours: 66			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Agriculture 101	1	Biological Sciences 224, 224L	4
Biological Sciences 120, 120L	4	Biological Sciences 363, 363L	4
Biological Sciences 222, 222L	4	Communications 135	3
Chemistry 121, 121L, 124, 124L	8	Chemistry 265	3
English 105, 115	6	Electives (Science & General Education)	<u>20</u>
Mathematics 121, 122	6		34
Electives	<u>3</u>		
	32		

PRE-FORESTRY AND WILDLIFE

Two-year programs in pre-forestry include forest management, game management, and wood science and utilization.

PRE-FORESTRY AND WILDLIFE			
Total Hours: 62			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Agriculture 101	1	Biological Sciences 224, 224L	4
Biological Sciences 120, 120L, 222, 222L	8	Chemistry 265	3
Chemistry 121, 121L, 124, 124L	8	Physics 251	3
English 105, 115	6	Economics 205	3
Elective	3	Mathematics 131	3
Mathematics 121, 122	<u>6</u>	Communications 135	3
	32	Humanities electives	3
		Electives	4
		Biological Sciences 363, 363L	<u>4</u>
			30

PRE-VETERINARY MEDICINE PROGRAM

LSUS offers course work to prepare a student to apply for admission to the LSU School of Veterinary Medicine. To be eligible for admission a student must complete a minimum of 64 credit hours of specified college work. A student interested in veterinary medicine should consult with an advisor from the College of Sciences during their first semester at LSUS.

PRE-VETERINARY MEDICINE

Required Courses

Total Hours: 66

<u>REQUIRED COURSES</u>	<u>Sem. Hrs.</u>
Agriculture 101	1
Biological Sciences 120, 120L, 222, 222L	8
Chemistry 121, 121L, 124, 124L	6
Mathematics 121, 122	6
English 105, 115	3
Electives*	8
Chemistry 265, 265L, 266, 266L	8
Physics 251, 251L, 252, 252L	3
Communications 135	4
Biological Sciences 224, 224L	4
Biological Sciences 363, 363L	4
Biological Science 320, 320L	3
Electives*	66

*Preferred Electives: Science and/or Mathematics.

ENGINEERING COOPERATIVE PROGRAMS

PRE-ENGINEERING COOPERATIVE PROGRAMS

These programs are designed to help prepare students for studies in engineering at Louisiana Tech University or LSU A&M in Baton Rouge. Due to recent changes in the engineering curriculum at Louisiana Tech, students should contact the engineering department as early as possible in their studies at LSUS.

LSUS - LA TECH COOPERATIVE TWO PLUS TWO PROGRAM			
Engineering			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Chemistry 121, 121L, 124, 124L	8	A core of courses common to all engineering curricula at Louisiana Tech follows. See additional courses ³ specific to various engineering curricula.	
Biological Sciences 120, 222, or 224	3	Communications 135	3
Computer Science 135	3	Economics 201	3
English 105, 115	6	Engineering 245	3
Engineering 151 ¹	2	English 205, 210	3
Fine Arts 240, 241, or Music 120	3	English 325	3
Humanities/Social Sciences ²	3	Mathematics 223, 355	7
Mathematics 221, 222	8	Physics 261, 262	6
	36	Approved electives ³	6-7
			34-35

¹Louisiana Tech course

²Louisiana Tech general education requirement

³Chosen as follows for specific engineering curricula: Biomedical: Biology 372, 372L- 4 Hrs, Humanities/Social Sciences - 3 Hr; Chemical: Chemistry 265, 265L, 266 - 7 Hrs; Civil: Humanities/Social Sciences - 6 Hrs; Electrical: Humanities/Social Sciences - 3 Hrs, Mathematics 254, 436, or 440 - 3 Hrs, Physics 261L - 1 Hr; Industrial, Mechanical, and Petroleum: Humanities/Social Sciences - 6 Hrs

LSUS - LSU IN BATON ROUGE COOPERATIVE PROGRAM			
Electrical & Computer			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Biological Sciences 101	3	Physics 261, 261L, 262	7
Chemistry 121	3	Mathematics 223, 254 ⁵ , 355	10
English 105, 115	6	Computer Science	3
Mathematics 221, 222	8	Engineering 245	3
Science Laboratory Elective	1	Fine Arts, Humanities, Social Science Electives ³	12
Philosophy 250	3		35
Communications 255	3		
Fine Arts, Humanities, Social Science Electives ³	6		
	33		

LSUS - LSU IN BATON ROUGE COOPERATIVE PROGRAM			
Biological and Agricultural, Civil, Chemical, Mechanical, & Petroleum			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Biological Sciences 101 ¹	3	Physics 261, 262 ⁵	6
Chemistry 121, 121L, 124, 124L ²	8	Mathematics 223 ⁷ , 355 ⁸	7
English 105, 115	6	Engineering 245	3
Mathematics 221, 222	8	Fine Arts, Humanities, Social Science Electives ³	6
Fine Arts, Humanities, Social Science Electives ³	6	Economics 201, 202	6
	31		28

¹Biological and Agricultural Engineering majors should schedule BIOS 120, 120L, 222, 222L.

²Civil Engineering does not require 2 hrs of CHEM laboratory, but does require one hour of Basic Science Laboratory.

³Consult advisor for list of approved courses acceptable to LSU-BR.

⁴Number of hours will vary by major

⁵Industrial Engineering and Mechanical Engineering require PHYS 261L, 262L.

⁶MATH 254 plus 355 substitutes for LSU-BR MATH 2090.

⁷Chemical Engineering does not require MATH 330.

⁸Industrial Engineering requires MATH 254 plus 355 to satisfy LSU-BR MATH 2090 (4 hr) requirement; Mechanical Engineering requires LSU-BR MATH 2070, which is not offered at LSUS.

GRADUATE PROGRAMS

MASTER OF SCIENCE IN COMPUTER SYSTEMS TECHNOLOGY

The Masters Degree in Computer Systems Technology (MSCST) is an inter-disciplinary program with components from the areas of computer science and management. It is offered principally as an evening program by the Computer Science Department within the College of Sciences.

As computer technology intersects every facet of our economic and social endeavors, there is a growing need

in many organizations for individuals who are prepared to develop and direct technology-based systems. The MSCST program is a “professional” degree program that develops the skills needed to effectively deal with complex, technology-based systems.

This degree requires the successful completion of 30 graduate credit hours including a final project course or thesis

MASTER OF SCIENCE IN ENVIRONMENTAL SCIENCES

(COOPERATIVE WITH LSU-BATON ROUGE)

The College of Sciences at LSUS offers a cooperative graduate program leading to a Master of Science in Environmental Sciences from LSU in Baton Rouge. Students in the program take courses at LSUS including some courses that are delivered from LSU-BR via compressed video.

MASTER OF SCIENCE

(COOPERATIVE WITH LOUISIANA HEALTH SCIENCES CENTER-SHREVEPORT)

Students may earn a degree emphasizing biochemistry and molecular biology, cellular biology and anatomy, microbiology and immunology, pharmacology and therapeutics, and molecular and cellular physiology awarded by Louisiana Health Sciences Center-Shreveport.

For all policies and regulations pertaining to these graduate programs see “GRADUATE STUDIES” in this catalog.

COLLEGE OF BUSINESS, EDUCATION, AND HUMAN DEVELOPMENT

WWW.LSUS.EDU/BA

FACULTY AND STAFF

Dean:

David Gustavson BE 117 795.4279

Associate Dean

Douglas Bible BE 101 797.5383

Assistant to the Dean and Academic Counselor:

Bridget Verret BE 101 797.5383

Directors:

Center for Business and Economic Research

Becky Berry BE 120 797.5141

Small Business Development Center:

Cooper Cochran BE 103 797.5144

Internship:

Mike Simon BE 318 797.5289

Leadership Education And Development (LEAD):

Wayne Hogue BE 336 797.5276

Coordinator of Freshman Studies

Rhonda Failey BE 351 797.5047

Graduate Program Directors:

Master of Sciences in Business Administration

William Bigler BE 329 797.5213

Master of Science in Counseling Psychology

Meredith Nelson BE 350 797.5199

Master of Science in Education

Julie Bergeron BE 384 797.5033

Master of Sciences in Health Administration:

John Fortenberry BE 315 797.5129

Master of Science in Kinesiology and Wellness Science

Timothy P. Winter HPE 207 797.5107

Master of Sciences in Public Health:

Rosevelt Jacobs HPE 218 797.5218

Specialist in School Psychology

Kevin Jones BE 359 797.5043

AVAILABLE DEGREES:

The COLLEGE OF BUSINESS, EDUCATION, AND HUMAN DEVELOPMENT consists of three schools: the *School of Business* (Departments of Accounting and Business Law, Economics and Finance, James K. Elrod Health Administration, and Management and Marketing), the *School of Education* (Department of Education), and the *School of Human Sciences* (Departments of Kinesiology and Health Sciences, Psychology, and Military Sciences).

SCHOOL OF BUSINESS: In the School of Business, students may pursue undergraduate degrees in Accounting, Finance, General Business Administration, Management, and Marketing. By working closely with a faculty advisor, a School of Business student may be able to concentrate upon particular areas within the selected major field. Available concentrations include human resource management, land and energy management, international business, advertising designs, financial analysis, and financial services with a choice of insurance or real estate. Approximately nine-tenths of our students are

undergraduates. We offer on-site day and evening classes, off-site classes, and distance learning courses.

The School also offers two degrees at the graduate level, the Master of Business Administration (traditional and Executive Track) and the Master of Health Administration. For information on these degree programs, refer to the "Graduate Studies" section in this catalog.

Upon entering the School of Business, each student is assigned a faculty advisor. The advisor aids the student in selecting an appropriate major and with course sequences within that major. However, each student has the responsibility of learning the curriculum requirements for successful program completion. The curriculum requirements for the first two years of the five business majors are very similar.

The undergraduate and graduate programs in the School of Business are accredited by the Association to Advance Collegiate Schools of Business (AACSB-international).

SCHOOL OF EDUCATION: The School of Education offers undergraduate programs leading to baccalaureate degrees and teacher certification in Early Childhood Education, Elementary Education, and Secondary Education including majors in Biology, Chemistry, English, Mathematics, Physics, and Social Studies. Additional certification endorsements are also available in Special Education and School Librarianship.

At the graduate level, the School of Education has degree programs which include the Master of Education, Master of Education in Curriculum and Instruction, and Master of Educational Leadership. For information on these degree programs, refer to the “Graduate Studies” section in this catalog.

All undergraduate and graduate programs in the School of Education are accredited by the National Council for Accreditation of Teacher Education (NCATE).

SCHOOL OF HUMAN SCIENCE: The School of Human Science offers undergraduate degrees in Psychology (Department of Psychology), Health and Physical Education (including teacher certification), and Community Health (both offered through the Department of Kinesiology and Health Science). Students may also pursue course work in Military Science leading to commissioning as a United States Army Officer. For more information see “Military Science” in this section.

At the graduate-level degree offerings include: Master of Counseling Psychology, Specialist in School Psychology* (Psychology Department), as well as Master of Public Health, and Master of Kinesiology and Wellness Science (Department of Kinesiology and Health Sciences). For additional information concerning these degree programs, refer to “Graduate Studies” section in this catalog.

*The Specialist in School Psychology degree program is accredited by the National Council for the Accreditation of Teacher Education (NCATE).

School of Business

PHILOSOPHY, MISSION AND VISION

PHILOSOPHY

The School of Business is strongly committed to a shared-governance environment of excellence in instruction and research that addresses the needs of our stakeholders. We believe this environment can best be achieved through collegiality, academic freedom, faculty-student interaction, and respect for diversity. Inherent in our philosophy and crucial to the success of our students are high classroom expectations with a faculty actively engaged in research and professional development. We believe that faculty should be empowered to experiment with innovative teaching and instructional design methods. Further, we believe our college should be a place where faculty, staff, students and the community create and share ideas so as to enhance the learning experience. The college embraces internal and external assessment and critique of our programs as a means to achieve continuous quality improvement.

MISSION

The mission of the School of Business at Louisiana State University in Shreveport is to:

- ✓ Provide a stimulating and supportive learning environment in which undergraduate and graduate students along with a diverse faculty participate freely in the creation, acquisition, and dissemination of business knowledge;
- ✓ Encourage an atmosphere of intellectual excitement to a diverse student body through traditional and unique business programs that add value at both the undergraduate and graduate levels;
- ✓ Foster the academic, professional, and personal growth of students to encourage their development of lifelong learning habits;
- ✓ Produce graduates who possess the intellectual resources and professional and personal skills that will enable them to interact effectively and participate in an ever-changing global business community; and
- ✓ Enhance the cultural, technological, social, and economic development of the region through outstanding teaching, research, and service.

Objectives

To accomplish its mission, the School of Business has adopted the following objectives, which are consistent with the university’s urban, regional focus. Effective teaching is the primary focus, followed by research and

service, in that order. Research and service are designed to complement teaching and to create a synergy among all three activities. This synergy enhances the knowledge and competence of our faculty, our relevance to the business

community, and the learning process of our students. Specific objectives are summarized as follows:

To provide a comprehensive, quality education for students in order to:

- Prepare graduates to enter, advance, and/or change careers in business or public service to the best of their abilities;
- Prepare those graduates who seek advanced education to enter graduate school at LSUS and elsewhere; and
- Provide the opportunity for non-business majors to learn and understand basic principles of business and the economic system.

To encourage and promote intellectual contributions within the college in order to:

- Enable faculty to stay current and be effective in their classroom teaching;

- Promote greater collegial, scholarly interaction among the faculty; and
- Further the advancement and dissemination of knowledge in business administration, especially that which will benefit the region.

To serve the university and the region in order to:

- Help further the goals, objectives and governance of the university;
- Foster continuing relationships with the business, civic, and governmental communities to further the interaction opportunities for our students, faculty, and outreach divisions;
- Foster economic development through appropriate continuing and professional development, leadership development, consultation, and technical assistance; and
- Assist economically disadvantaged individuals and businesses in the community.

VISION

The vision of the School of Business is to offer business education that is second to none in the Ark-La-Tex region by providing students with the opportunity to achieve their educational objectives. The college seeks to serve as a positive force for economic, social and technological development by reaching out to a diverse community of students and business organizations in our region. The college will stress program quality consistent with the highest of business school accreditation standards, academic rigor, and continuous improvement in teaching, research and service.

DEGREES

In order to fulfill our mission and meet our commitments to our stakeholders, the School of Business offers undergraduate degrees in **Accounting, Finance, General Business Administration, Management, and Marketing**. The School of Business also offers two graduate degrees, the **Master of Business Administration** (traditional and Executive Track) and the **Master of Health Administration**. Approximately nine-tenths of our students are undergraduates. We offer on-site day and evening classes, off-site classes, and distance learning courses.

By working closely with a faculty adviser, a College of Business student may be able to concentrate on particular areas within the selected major. Available concentrations include human resource management, land and energy management, international business, financial analysis, and financial services with a choice of insurance or real

estate. For information on the Master of Business Administration and the Master of Health Administration the student is referred to the section on "GRADUATE STUDIES" in this catalog.

Upon entering the School of Business, each student is assigned a faculty adviser. The adviser aids the student in selecting an appropriate major and course sequence within that major. However, each student has the responsibility for learning the curriculum requirements for successful program completion. The curriculum requirements for the first two years of the five business administration majors are very similar.

The undergraduate and graduate programs in the School of Business are accredited by the Association to Advance Collegiate Schools of Business (AACSB-International).

ADMISSION

A student may enter the School of Business as a beginning freshman or as a transfer from other divisions of the university or from other accredited institutions. A student may be admitted to the School of Business upon meeting the general admission requirements of the University. ACT scores may be used to advise and place students within the program.

Transfer Credits

Transfer credits applied to the degree must represent courses acceptable in the curricula of the college. Such

credit is normally permitted for courses only when they were taken at the level they are offered at LSUS. The

Associate Dean of the School of Business determines the acceptability of transfer credits.

Requirements for the Baccalaureate Degree

In order to be granted a baccalaureate degree by the College of Business, Education and Human Development (BEHD), the student must:

1. Earn credit for a minimum of 120 semester hours. Credit for developmental courses is not computed in determining the total number of hours for graduation. No mathematics course below Math 121 may be applied for graduation credit.
2. Meet the 2.0 minimum grade point average requirement in each of the following:
 - a. courses taken at LSUS or elsewhere that are counted in the core;
 - b. courses in the student's major (at LSUS or elsewhere, including core courses in the student's major field;
 - c. all business courses taken at LSUS and elsewhere;
 - d. all courses taken at LSUS;
 - e. all courses taken, whether at LSUS or elsewhere.
3. Earn a minimum grade of "C" or better in all courses taken in the student's major at LSUS or elsewhere, including core courses in the student's major field.

Students in the School of Business must:

1. Complete the following core courses as the common body of knowledge in business administration:
Accounting 205, 206 - 6 hrs.
Business Law 280 - 3 hrs.
Economics 201, 202 - 6 hrs.
Finance 301 - 3 hrs.

Information Systems/Decision Sciences 150, 265, 350, 383 - 12 hrs.

Management 210, 301, 480 - 9 hrs.

Marketing 301 - 3 hrs.

2. Complete International Studies component of six hours. Courses which meet criteria for this component are: ANTH 210; BLAW 420; ECON 460; FIN 440; GEOG 105, 106, 252, 410, 453, 460; HIST 251, 252, 386; INDS 101, INTL 250; MADM 360, 423, 430; MKT 440; POLI 203, 204, 425, 460; and UNIV 299. Any foreign language qualifies for international credit.
3. Earn at least two-thirds of the course requirements in the major in residence on this campus.
4. Earn 30 of the last 40 semester hours presented for the degree in residence in the School of Business on this campus.
5. Earn a "C" or better in MADM 480.
6. Meet the minimum 2.0 grade point average requirement in:
 - a. all business courses;
 - b. courses taken at LSUS or elsewhere that are counted in the business core;
 - c. courses in student's major.
7. Complete more than 50% of business credit hours required for the degree at LSUS.
8. Submit the personal data required to process the necessary graduation forms prior to the last semester enrolled before degree completion.

GENERAL RULES AND RECOMMENDATIONS

The student should be aware of the following items to ensure completion of a baccalaureate degree.

Course Sequence. The student should be aware of course prerequisites and enroll for courses in proper sequence. This procedure helps ensure adequate preparation for each course as progress is made toward fulfilling degree requirements. The student cannot register for 300 level courses until 60 semester hours of coursework are completed.

Change in Major. The student should select a major prior to completing 60 hours of coursework. The student who changes a major after completing 75 or more hours of degree credit will be subject to the degree requirements of the catalog in force at the time of the change.

Mathematics. Mathematics 121 and 260 are required for the baccalaureate degree. This requirement must be completed during the first 60 hours of the student's degree program. A transfer student who has completed over 60

hours but who does not meet the mathematics requirement will be permitted to enroll in College of Business courses numbered 300 and above only with the consent of the department.

Management 480. This is the capstone course in the common body of knowledge in the School of Business curricula. MADM 480 must be taken in residence at LSUS during the student's last semester. Students must complete all prerequisites for MADM 480 prior to their last semester.

Pass/No Credit

The student in the School of Business may apply for degree credit a maximum of twelve semester credit hours under the pass/no credit option. The grade of "pass" shall be given only for work of C quality or higher. The

following provisions apply to enrollment in courses under the pass/no credit option:

1. In the semester of enrollment, the student must possess a grade point average of 2.50 or higher in all coursework within the LSU System.
2. In any one semester, students may enroll for a maximum of three credit hours under the pass/no credit option; however, six hours may be allowed if the student is enrolled in an internship course.
3. Enrollment in courses under the pass/no credit option is limited to those courses designated as Approved

Electives and for which prior approval is secured from the instructor of the course, from the student's department chair, and from the Associate Dean, School of Business.

4. For the transfer student and the student who changes options within the college, acceptance of prior credit earned under the pass/no credit option in courses that become required courses as a result of the change in the student's curriculum must be approved by the student's department chair and by the Associate Dean, School of Business.

PROGRAMS

Business Internship Program

The primary objective of the Business Internship (475) Program is to provide meaningful on-the-job experiences in a career field related to the student's major field of study. To participate in the program, the student must (1) have successfully completed sixty credit hours toward the baccalaureate degree in the School of Business, (2) possess an overall grade point average of 2.75 or higher, and (3) not have previously worked for the firm sponsoring the internship, unless employed in a position with significantly different job responsibilities than previously performed.

The student may apply a maximum of six credit hours in internship coursework toward the baccalaureate degree as approved electives in the School of Business. Prior to enrollment in the program, the student should contact the School of Business Internship Director's office (797.5289) for details.

Independent Study

Any student who desires to enroll in an Independent Study class (ACCT 495, MADM 495, FIN 495, or MKT 495) must secure the approval of the Chair of the Department in which the course is taught. Additional information is available in the departmental offices.

Minor in Business

The Minor in Business is designed for students whose major course of study is outside the College of Business. Completion of this minor will allow students with non-business degrees to compete better in the job market upon completion of their undergraduate degree and reduce the number of foundation hours for those students who would like to eventually get a Master of Business Administration (MBA) graduate degree. The minimum GPA for the minor is 2.0.

Twenty-four hours are required for the Minor: ACCT 205 and 206, ECON 201 and 202, MATH 260 (or an

equivalent statistics class), MADM 301, MKT 301, and FIN 301.

Minor in Economics

The student interested in an economics minor should complete ECON 201 and 202 with fifteen additional hours of economics at the junior or senior. Three hours of junior or senior level finance or GEOG 460 may be included as part of the minor. Other courses must be approved by the department.

Business Certification Program

Business Essentials is a non-degree program designed to help participants develop a broad-based practical understanding of the relevant functional areas of business and business practices that are essential for success. *Business Essentials* is ideal for those individuals who have previously earned a bachelor's degree, such as architects, engineers, scientists, nurses, physicians, journalists and teachers.

The *Business Essentials* certificate can be particularly helpful to those who are considering a career change that requires business knowledge, as well as to individuals who are interested in starting their own business venture, but who lack a formal education in business.

Pre-MBA students (those who have earned a bachelor's degree in some area other than business) may also earn the certificate as they complete the foundation courses that serve as prerequisites for their graduate coursework.

Required Courses

- ISDS 150* (Computer Tools in Business)
- Math 121 (College Algebra)
- Math 260 (Elementary Statistics)
- Accounting 285 (Accounting Concepts)
- Business Law 280 (Legal Environment of Business)
- Economics 285 (Foundations of Economics)
- ISDS 350 (Information Systems)
- Management 301 (Principles of Management)

- Marketing 301 (Principles of Marketing)
- Finance 301 (Managerial Finance)

Prerequisites & GPA Requirements

ISDS 150* (computer tools in business) or an equivalent course is a prerequisite for ISDS 350. Math 121 and either ISDS 150 or CSC 111 are prerequisites for Math 260. Math 260, Accounting 285, and Economics 285 are prerequisites for Finance 301.

***Students who are familiar with basic computer software (Word, Excel, PPT, and Access) may test out of this course.**

All 300 level courses require students to have completed 60 semester hours of college course work before enrolling. Students must earn a **2.0** minimum GPA in the required courses to earn the certification. A maximum of **12** hours of credit may be taken as **pass/no credit**. All students who

complete the required courses will receive a certificate, including pre-MBA students.

With the approval of the program director, students who have already earned a bachelor's degree may be able to transfer up to 9 hours of credit into the program at the 100 or 200 course level. The transfer courses must be equivalent in subject matter, and credits must have been completed within the last five years at an accredited four year college or university with an earned grade of "B" or better. Transcripts and course descriptions must support transfer requests.

Certificate

A certificate will be awarded to a student who completes all required courses consistent with the certification requirements and submits a request to Dr. Bill Bigler. For further information on this program please contact Mr. Bigler in the School of Business.

LSUS BUSINESS CENTERS

Center for Business and Economic Research

The Center for Business and Economic Research (CBER) supports economic development efforts of civic and business organizations in the Northwest Louisiana area. The responsibilities of the CBER include: (1) maintaining a database of economic indicators for the Shreveport-Bossier City MSA, (2) preparing monthly trend analyses of area economic data, (3) carrying out applied business research projects for business and community organizations on a contract basis, (4) publishing various business directories, and (5) hosting an annual Economic Outlook Conference for the Ark-La-Tex region.

Louisiana Small Business Development Center (LSBDC)

The Louisiana Small Business Development Center (LSBDC) is one of 9 service centers of the Small Business Development Center. The state office is located at University of Louisiana at Monroe, Monroe, LA. The basic objective of the SBDC is to provide broad based management assistance to existing and potential Louisiana businesses in eight Louisiana parishes (Bienville, Bossier, Caddo, Claiborne, DeSoto, Lincoln, Red River and Webster) through counseling and training. Small group and individual counseling is offered to potential business owners by appointment. Tailored assistance to meet individual needs such as business/marketing planning, market research, advertising and record keeping skills is scheduled by appointment. Programs are designed to develop and raise the management skills of small business owners and managers.

CURRICULA

ACCOUNTING

Chair:

Jo McGee BE 339B 797.5240

Faculty:

Stanley Hays	BE 314	797.5118	Mike Simon	BE 318	797.5289
Frederick Parker, Jr.	BE 311	797.5109	Amy Oakes Wren	BE 307	797.5019
Carl Smolinski	BE 319	797.5014			

Students majoring in accounting are well prepared for a variety of careers in public accounting, private industry, and government. In addition, the accounting curriculum is an excellent foundation for advanced study in fields such as business administration, management, law, public administration, and taxation.

ACCOUNTING			
Total Hours: 120			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Communications 135	3	Accounting 205, 206	6
FS101 or approved elective	3	Approved social/behavioral science elective ¹	3
English 105, 115	6	Management 210	3
Fine and performing arts ¹	3	Mathematics 260	3
Approved humanities elective ¹	3	Economics 201, 202	6
Mathematics 121	3	Information Systems/Decision Sciences 265	3
Information Systems/Decision Sciences 150	3	Business Law 280	3
Science (two-semester sequence)	<u>6</u>	Science (non-sequential area)	<u>3</u>
	30		30
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Accounting 309, 310, 311, 320, 330	15	Accounting 410, 440	6
Business Law 332	3	Accounting electives ²	6
English 226 or English 325	3	Business Law 333	3
Finance 301	3	Information Systems/Decision Sciences 350	3
Management 301	3	Information Systems/Decision Sciences 383	3
Marketing 301	<u>3</u>	Management 480	3
	30	Approved electives with international content	<u>6</u>
			30

¹ See "General Education Course Requirements under **DEGREE REQUIREMENTS** for restrictions.

² ACCT 475 may be used only once as an accounting elective.

FINANCE

Chair:

Douglas Bible BE 101 797.5383

Economics/Finance Faculty:

Michael Brendler	BE 322	797.5027	Tim Shaughnessy	BE 308	797.5334
Chris Coombs	BE 326	797.5134	Timothy Vines	BE 317	797.5013
Chengho Hsieh	BE 320	797.5015	Mary Lois White	BE 325	797.5103
Harvey Rubin	BE 306	797.5018			

Finance teaches the techniques that managers use to make and evaluate all types of organizational decisions. In addition to careers in corporate finance, investments, and banking, this major allows students to prepare for a wide range of organizational activities. The Finance student is also able to prepare for a specialized job in the rapidly growing financial services industry: Insurance, Real Estate, Brokerage, Financial Planning, and Portfolio Management. To achieve these goals the student chooses one of two concentrations: Financial Analysis or Financial Services.

The Financial Analysis concentration allows students interested in utilizing their quantitative skills to prepare for careers such as Security Analyst, Comptroller/Treasurer, Research, or for graduate study. Required courses are: Accounting 309 (Intermediate Accounting I), Economics 301 (Aggregate Economic Analysis), Economics 302 (Intermediate Economic Theory), Economics 310 (Money, Banking, and Monetary Policy), Finance 400 (Investment), Finance 410 (Advanced Business Finance) and Finance 440 (International Finance). Three upper-level finance electives are also required. **A grade of "C" or better is required for all of these courses.**

The Financial Services concentration is designed to introduce the student to some of the fastest growing economic sectors in the world: Insurance Sales and Underwriting, Commercial Real Estate, and Financial Planning/Brokerage. Required courses are: Economics 310 (Money, Banking, and Monetary Policy), Finance 320 (Risk and Insurance), Finance 331 (Introduction to Investments), Finance 340 (Principles of Real Estate), Marketing 330 (Sales), and one upper-level finance elective. Students can then specialize by choosing one of two options, each of which requires two additional courses: [1] *Insurance Option* – Finance 322 (Property and Liability Insurance) and Finance 326 (Principles of Life and Health Insurance); or [2] *Real Estate Option* – Finance 442 (Real Estate Appraisal) and Finance 450 (Real Estate Investment and Taxation). **A grade of “C” or better is required for all of the above courses.** Six hours of 300-400 level School of Business electives are also required. Geography 420 (Geographic Information Systems) is recommended for students interested in Real Estate.

NOTE: All finance majors must have a grade of “C” or better in FIN 301 to graduate.

FINANCE			
Total Hours: 120			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Communications 135	3	Accounting 205, 206	6
FS 101 or approved elective	3	Social science elective ¹	3
English 105, 115	6	Management 210	3
Fine and performing arts ¹	3	Mathematics 260	3
Approved humanities elective ¹	3	Economics 201 and 202	6
Mathematics 121	3	Information Systems/Decision Sciences 265	3
Information Systems/Decision Sciences 150	3	English 226 or English 325	3
Science (two-semester sequence)	6	Science (non-sequential area)	3
	30		30
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Business Law 280	3	Information Systems/Decision Sciences 350	3
Economics 310	3	Management 480	3
Finance 301	3	Approved electives	9
Management 301	3	Approved courses for selected concentration ²	15
Information System/Decision Sciences 383	3		30
Marketing 301	3		
Approved courses for selected concentration ²	12		
	30		

NOTE: Six hours of approved courses with international content must be integrated into the curriculum.

¹See “General Education Course Requirements” under **DEGREE REQUIREMENTS** for restrictions.

²See previous details for Financial Analysis and Financial Services concentrations in this section; ECON 460, MATH 453, and MATH 454 are acceptable Finance Electives.

GENERAL BUSINESS ADMINISTRATION

The General Business Administration major is a flexible degree that provides the background needed for many career paths. Rather than specialize in a narrow area, the student can draw from all areas of business to match their interests. This combination provides the versatility needed in small organizations, but is also good for many entry-level jobs. Students choose two advanced Business Administration electives in each of four of the following areas of study: Accounting, Business Law, Economics, Finance, Marketing, and Management.

GENERAL BUSINESS ADMINISTRATION			
Total Hours: 120			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Communications 135	3	Accounting 205, 206	6
Freshman Seminar 101 or approved elective	3	Approved Social Science ¹	3
English 105, 115	6	Management 210	3
Fine and performing arts ¹	3	Mathematics 260	3
Approved Humanities ¹	3	Economics 201 and 202	6
Mathematics 121	3	Information Systems/Decision Sciences 265	3
Information Systems/Decision Sciences 150	3	English 226 or English 325	3
Science (two-semester sequence)	6	Science (non-sequential area)	3
	30		30

GENERAL BUSINESS ADMINISTRATION			
Total Hours: 120			
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Approved elective	9	Information Systems/Decision Sciences 350	3
Business Law 280	3	Management 480	3
Information Systems/Decision Sciences 383	3	Major electives	24
Finance 301	3		30
Marketing 301	3		
Management 301	3		
Approved electives (College of Business)	6		
	30		

NOTES: Six hours of approved courses with International content must be integrated into the curriculum.

¹See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

Unless pursuing the Land and Energy Management concentration (see below), the following rules apply to GBA majors:

- (1) Internship courses should **not** be included as one of the six hours of upper level courses in the respective areas of study, unless approved by the Associate Dean.
- (2) Students choosing the accounting area should take ACCT 309 and one of the following: ACCT 310, ACCT 320, ACCT 330 and ACCT 460.
- (3) Students choosing the marketing area should take at least one of the following: MKT 310, MKT 312, MKT 330, MKT 401, or MKT 445.
- (4) Students choosing the finance area may use ECON 310 as one of the two required courses.

INTERNATIONAL BUSINESS CONCENTRATION: Students choosing to major in Management and Administration may also pursue a cross-disciplinary concentration in the area of International Business. The student must complete MADM 360 plus 9 more hours from a specified list of approved international business 300-level or higher courses. Students who choose to pursue an International Business Concentration must earn a 2.0 or higher cumulative GPA for the 12 hours comprising the concentration. Students who meet the concentration requirements will receive a certificate of completion and a letter from their department chair listing the specific courses taken within the concentration.

International Business Concentration Courses:

- MADM 360 (Introduction to International Business) is required as a foundation class in the international business concentration for all students.
 - The remaining 9 hours in the concentration must be chosen from the following list of approved International Business electives: BLAW 420 (International Law), ECON 460 (International Economics), FIN 440 (International Finance), MADM 423 (International Human Resources), MADM 430 (International Business Communication), MKT 440 (International Marketing), FIN / MADM / MKT 475* (International Business-related Internship only). ECON / MADM / MKT / FIN 490* (International Business topic only). To augment the International Business Concentration, students are encouraged to take one or more foreign language courses.
- * Requires the approval of the Chair of the Department

LAND AND ENERGY MANAGEMENT CONCENTRATION: The Land and Energy Management concentration in the General Business Administration major is designed to appeal to students who are primarily interested in areas involved in the business of oil and gas exploration and development. In addition, students preparing to enter into careers dealing with land and real estate resource management, leasing and title verification, and other areas will be interested in this concentration. Students who choose to pursue an Land and Energy Management Concentration must earn a 2.0 or higher cumulative GPA for the hours comprising the concentration. Students who meet the concentration requirements will receive a certificate of completion.

To obtain the Land and Energy Management concentration students must complete two electives from each of the following areas:

- (1) Management: Principles of Land and Energy Management (MADM 305) **and either** Human Resource Management (MADM 320) **or** Negotiations (MADM 340)*
- (2) Business Law: Oil and Gas Law (BLAW 340) **and either** Business Law I (BLAW 332), **or** Business Law II (BLAW 333), **or** Real Estate Law (BLAW 324)*
- (3) Accounting: Oil and Gas Accounting (ACCT 340) **and either** Intermediate Accounting 1 (ACCT 309), **or** Introduction to Federal Income Tax (ACCT 320), **or** Cost Accounting (ACCT 330).
- (4) Finance: Principles of Real Estate (FIN 340), **or** Real Estate Law (FIN 324)*, **and** Finance 495 (Internship in Oil and Gas Finance), or any other upper-level Finance course.

The Land and Energy Management concentration also requires the following courses outside the School of Business:

- (1) Petroleum Geology (GEOL 106) **and** Environmental Geology (GEOL 205)***

(2) Geomorphology (GEOL 330) **or** Geographic Information Systems (GEOG 420)

*Real Estate Law is cross-listed as FIN 324 and BLAW 324, and Negotiations is cross-listed as MADM 340 and MKT 340; credit is allowed for only one of each pair.

**FIN 475 Internship must be in the area of oil, gas or energy management.

***GEOL 106 and GEOL 205 may be used for six of the nine-hour science general education requirement, or may be included as approved electives outside the CBA.

MANAGEMENT & ADMINISTRATION

Chair:

Karen James BE 301A 797.5024

Faculty:

William Bigler	BE 329	797.5213	Richard Peters	BE 310	797.5185
Wayne Hogue	BE 336	797.5276	Carole Preston	BE 314	797.5104
Tami Knots	BE 312	797.5268	Raymond Taylor	BE 313	797.5023
Lorraine Krajewski	BE 323	797.5020	John Vassar	BE 305	797.5029
Binshan Lin	BE 321	797.5025	Felice Williams	BE 303	795.2473
Sibylle Mabry	BE 324	797.5055			
Sanjay Menon	BE 316	797.5186			

ORGANIZATIONS -- whether large or small, for profit or not for profit -- succeed or fail largely on the vision and capabilities of their managers. Management majors acquire a basic knowledge of planning, organizing, staffing, and coordinating the activities of an organization. They also acquire the specific knowledge and skills for enhancing employee performance, for assessing and addressing critical problems and decisions, and for leveraging the human capital in an organization.

HUMAN RESOURCE MANAGEMENT CONCENTRATION: Students choosing to major in Management and Administration may elect to also pursue a concentration in the area of Human Resource Management. The student must apply 12 hours of the specified electives within the Management and Administration curriculum toward the courses listed below. Students must also earn a 2.0 or higher cumulative GPA for the 12 hours comprising the concentration. Students who meet the concentration requirements will receive a certificate of completion and a letter from their department chair listing the specific courses taken within the concentration.

Human Resource Management Electives:

- Required Courses - Take *at least* 2 of the following 3 courses: MADM 425 (Compensation Administration), MADM 427 (Staffing Organization), MADM 429 (Training and Development).
- Take the remaining electives from the following group - MADM 415 (Labor Law), MADM 423 (International Human Resources), MADM 428 (Performance Improvement), MADM 475* (Internship in a relevant HR area), MADM 490* (Special Topics). A recommended support course in the School of Business elective group is PSYC 350 (Introduction to Psychometrics)

**Requires the approval of the Chair of the Department*

INTERNATIONAL BUSINESS CONCENTRATION: Students choosing to major in Management and Administration may also pursue a cross-disciplinary concentration in the area of International Business. The student must complete MADM 360 plus 9 more hours from a specified list of approved international business 300-level or higher courses. Students who choose to pursue an International Business Concentration must earn a 2.0 or higher cumulative GPA for the 12 hours comprising the concentration. Students who meet the concentration requirements will receive a certificate of completion and a letter from their department chair listing the specific courses taken within the concentration.

International Business Concentration Courses:

- MADM 360 (Introduction to International Business) is required as a foundation class in the international business concentration for all students.
- The remaining 9 hours in the concentration must be chosen from the following list of approved International Business electives: BLAW 420 (International Law), ECON 460 (International Economics), FIN 440 (International Finance), MADM 423 (International Human Resources), MADM 430 (International Business Communication), MKT 440 (International Marketing), FIN / MADM / MKT 475* (International Business-

related Internship only). ECON / MADM / MKT / FIN 490* (International Business topic only). To augment the International Business Concentration, students are encouraged to take one or more foreign language courses.

* Requires the approval of the Chair of the Department

MANAGEMENT AND ADMINISTRATION			
Total Hours: 120			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Communications 135	3	Accounting 205, 206	6
FS 101 or approved elective	3	Sociology 105 or Psychology 152	3
English 105, 115	6	Management 210	3
Fine and performing arts ¹	3	Mathematics 260	3
Approved Humanities elective ¹	3	Economics 201 and 202	6
Mathematics 121	3	Information Systems/Decision Sciences 265	3
Information Systems/Decision Sciences 150	3	English 226 or English 325	3
Science (two-semester sequence)	6	Business Law 280	3
	30		30
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Science (nonsequential area)	3	Information Systems/Decision Sciences 350	3
Information Systems/Decision Sciences 383	3	Management 480	3
Finance 301	3	Management 431	3
Management 301, 320, 321	9	Management electives	9
Management elective	3	Approved Business elective	3
Marketing 301	3	Approved electives	9
Approved Business electives	6		30
	30		

NOTE: Six hours of approved courses with international content must be integrated into the curriculum.

¹See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

MARKETING

Marketing emphasizes the facilitation of exchanges between one business and another as well as between businesses and consumers. Key marketing activities include designing and modifying products, pricing, selling and sales management, and gathering and interpreting market information. Career opportunities in marketing include retail management and buying, industrial and retail sales, distribution management, promotion and brand management, and market research.

Advertising Design Concentration: Students choosing to major in Marketing may pursue a cross-disciplinary concentration in the area of Advertising Design. The student must complete FA 210 plus 9 more hours from a specified list of approved 300-level or higher courses. Students who choose to pursue an Advertising Design Concentration must earn a 2.0 or higher cumulative GPA for the 12 hours comprising the concentration. Students who meet the concentration requirements will receive a certificate of completion and a letter from their department chair listing the specific courses taken within the concentration.

Advertising Design Concentration Courses:

- FA 210 (Computer Graphics) is required as a foundation class in the advertising design concentration for all students.
- The remaining 9 hours in the concentration must be contain at least one FA course and should be chosen from the following list of approved courses: MKT 305 (Small Business Advertising) OR FA 317 (Adobe InDesign), MKT 475* (approved Internship only), MKT 490* (approved topic only), FA 315 (Adobe Photoshop), FA 316 (Package Design), FA 318 (Digital Illustration), FA 326 (Introduction to Web Design). The FA 250 prerequisite for 300 level FA courses will be waived for marketing students with the consent of the Fine Arts department chair.

* Requires the approval of the Chair of the Management & Marketing Department

INTERNATIONAL BUSINESS CONCENTRATION: Students choosing to major in Marketing may also pursue a cross-disciplinary concentration in the area of International Business. The student must complete MADM 360 plus 9 more hours from a specified list of approved international business 300-level or higher courses. Students who choose to pursue an International Business Concentration must earn a 2.0 or higher cumulative GPA for the 12 hours comprising the concentration. Students who meet the concentration requirements will receive a certificate of completion and a letter from their department chair listing the specific courses taken within the concentration.

International Business Concentration Courses:

- MADM 360 (Introduction to International Business) is required as a foundation class in the international business concentration for all students.
- The remaining 9 hours in the concentration must be chosen from the following list of approved International Business electives: BLAW 420 (International Law), ECON 460 (International Economics), FIN 440 (International Finance), MADM 423 (International Human Resources), MADM 430 (International Business Communication), MKT 440 (International Marketing), FIN / MADM / MKT 475* (International Business-related Internship only). ECON / MADM / MKT / FIN 490* (International Business topic only). To augment the International Business Concentration, students are encouraged to take one or more foreign language courses.

* Requires the approval of the Chair of the Department

MARKETING			
Total Hours: 120			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Communications 135	3	Accounting 205, 206	6
FS 101 or approved elective	3	Management 210	3
English 105, 115	6	Sociology 105 or Psychology 152	3
Fine and performing arts ¹	3	Mathematics 260	3
Approved Humanities elective ¹	3	Economics 201 and 202	6
Mathematics 121	3	English 226 or English 325	3
Information Systems/Decision Sciences 150	3	Business Law 280	3
Science (two-semester sequence)	6	Information Systems/Decision Sciences 265	3
	30		30
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Science (non-sequential area)	3	Information Systems/Decision Sciences 350	3
Information Systems/Decision Sciences 383	3	Management 480	3
Finance 301	3	Marketing 401, 445	6
Management 301	3	Marketing electives	6
Marketing 301, 310, 312, 330	12	Business electives	3
Business electives	6	Approved electives	9
	30		30

NOTE: Six hours of approved courses with international content must be integrated into the curriculum.

¹See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

GRADUATE PROGRAMS

The School of Business also offers two graduate degrees, the Master of Business Administration (traditional or Executive Track) and the Master of Health Administration.

Additional information about the Master of Business Administration and master of Health Administration degree programs is provided in the "GRADUATE STUDIES" section of this catalog.

School of Education

Chair:

Ruth Ray BE 384B 797.5033

Faculty:

Candi Bagley	BE 370	797.5031	Larry Garrison	BE 380	797.5281
Julie Bergeron	BE 384C	797.5033	Yong Hwang	BE 364	797.5099
Linda Easley	BE 117B	797.5034	Cathy Singletary	BE 361	797.5174
Cay Evans	BE 369	797.5037	Debbie Williams	BE 367	797.5040
Debra Fowler	BE 366	795.4247			

Director of Field Experiences:

Linda Easley BE 117B 797.5034

Alternate Certification Advisor & Recruitment Coordinator

Tocha Nolen Jones BE 381 797.5100

Coordinator of Assessment:

Melissa Hayden BE 377 795.2468

Director of Graduate Studies in Education

Julie Bergeron BE 384C 797.5033

PHILOSOPHY:

The mission of the School of Education is cultivating responsible professionals who are committed to diversity, critical thinking, and pedagogy. The purpose of the School of Education is to cultivate Responsible Professionals who are leaders in their classrooms, schools, and communities. Foremost among the values of the faculty members in the School of Education are dedication to the three strands of the conceptual framework: diversity, pedagogy, and critical thinking. A **Responsible Professional** demonstrates that s/he can plan experiences for all students regardless of ethnicity, socio-economic status, gender, special needs, and learning styles. A **Responsible Professional** not only knows his or her subject matter, but the pedagogical practices and strategies proven best to teach a particular content area. He or she demonstrates best practices in the educational setting, whether that be as a teacher, supervisor, administrator, counselor, or librarian. In order to accomplish tasks in educational settings that demonstrate fair treatment of all students and utilization of appropriate pedagogy, the **Responsible Professional** must engage in critical thinking skills, including content knowledge, problem solving, inquiry, and reflection.

GOALS:

In keeping with the traditional functions of universities, the School of Education is committed to the following goals:

1. Provide instruction for future teachers, administrators, school service personnel, psychologists and counselors.
2. Cooperate with local schools and other human development agencies to provide appropriate services and professional development.

3. Conduct research to advance theory and practice in psychology and instruction.

OBJECTIVES:

Teaching:

1. Provide instruction needed in credit courses to develop effective educators for the public and private elementary, middle, and secondary schools of the region.
2. Utilize advising as a means of providing individual guidance in program progression and career planning.
3. Provide instruction needed to prepare psychologists and counselors for the region.

Service:

1. Serve as consultants to local schools, school systems, and other human service agencies.
2. Represent the university in professional organizations as members and officers.
3. Serve on departmental, college, and university faculty and administrative committees.
4. Serve as consultants to other divisions of the University on problems requiring special expertise found in the School of Education.

Research:

1. Conduct both action and theoretical research in areas of education and related areas.
2. Provide other divisions of the University with technical assistance in research design and data analysis.
3. Provide learning opportunities for candidates in education to do research as well as be effective consumers of research.
4. Co-author research with candidates

CONCEPTUAL FRAMEWORK FOR TEACHER EDUCATION

The College of Business, Education and Human Development, as a professional college, promotes excellence in teaching, research, and service in an inclusive professional learning community. Graduates are broadly-educated and are committed to professionalism necessary to practice in an ever-changing world. The College is committed to establishing and maintaining collaborative partnerships with the professional communities it serves. The College of Business, Education and Human Development achieves excellence in all programs through continuous assessment and reflection.

The mission of the School of Business is *cultivating responsible professionals who are committed to diversity, critical thinking, and pedagogy*.

Responsible Professionals are those who encourage the academic and personal growth of leaders committed to outstanding teaching, community development, and public service in a global community where intellectual resources and skills are enhanced in a cultural, technological, and social learning environment. **Responsible Professionals** are ethical, life-long learners who demonstrate initiative,

participate in collaboration and professional development, and display professional dispositions.

Area 1: DIVERSITY

- Fair and equitable treatment of all students
- Sensitive to diverse learners
- Advocates for all learners and schools

Area 2: CRITICAL THINKING

- Content knowledge
- Inquiry
- Problem Solving
- Reflection

Area 3: PEDAGOGY

- Content knowledge
- Conditions for learning
- Safe environment (safe to learn, safe to express themselves)
- Best practice
- Practitioners (theory to practice).

TEACHER EDUCATION PROGRAM ADMISSION AND RETENTION

NOTE: *Students pursuing degrees in psychology and in non-teacher certification programs in Kinesiology and Health Science are subject to the Admission and Degree requirements and procedures as described in "UNDERGRADUATE ADMISSIONS:" and "DEGREE REQUIREMENTS" elsewhere in this catalog.*

Selective Teacher Education, Admission, and Retention

The most important responsibility of any profession is service to its clients. Since the clients of the teacher education program are ultimately the children and youth taught by graduates of this program, the School of Education recommends for teacher certification only those students demonstrating the academic preparation, intelligence, emotional stability, and physical stamina required of good teachers.

The student may be recommended for a Louisiana teacher's certificate when the following requirements are met:

1. registration in the School of Education;
2. admission to the Teacher Education Program;
3. completion of the prescribed courses in a teacher education curriculum, including student teaching;
4. recommendation for a degree by majority vote of the School of Education faculty; and,
5. attainment of appropriate scores on the PRAXIS examinations.

Admission to the Teacher Education Program (TEPAR)

The School of Education student who has completed 45 semester hours may apply for formal admission to the Teacher Education Program and may be admitted after meeting the following standards:

1. credit for 45 semester hours with a grade point average of 2.50 or better on all college work attempted;
2. completion of English 105 and 115 and Communications 135 (or equivalent courses) with grades of C or better. The student who has not taken these courses at the university may be allowed to demonstrate written and oral language proficiency by examination;
3. completion of the PreProfessional Skills Tests (PPSTs) portions of the PRAXIS examinations in Reading, Writing, and Mathematics with scores of 174, 173, and 172, respectively, or ACT composite score of 22 or higher, or SAT combined verbal and math score of 1030 or higher, and
4. demonstration of the following dispositions:
 - Advocacy
 - Cooperative Attitude
 - Dependability
 - Initiative
 - Attendance
 - Critical Thinking
 - Diversity
 - Integrity/Ethics

- | | | |
|--------------------|---|--------------|
| Oral Expression | • | Organization |
| Professionalism | • | Reflection |
| Written Expression | • | |

The screening program is administered by the Teacher Education Program Admissions and Retention (TEPAR) Committee. The Education 201 student who is registered in the School of Education is given application forms and information for applying.

Students not yet admitted to the Teacher Education Program may not enroll in required 300- or 400-level courses in Education or Health and Physical Education. This procedure applies to students in the Alternate Certification Program, as well as to undergraduates majoring in teacher education.

Retention

The TEPAR Committee is charged with ensuring only properly trained and qualified professionals are granted teaching certificates. Once a student is admitted into the Teacher Education Program, retention in the Program is not automatic. The Committee will, therefore, monitor each candidate's progress in the following areas: academics, professional behavior, and overall commitment, ethical standards, personal qualities necessary for effective classroom interaction, and interpersonal skills needed to work with parents, administrators, and other professionals. Any candidate who does not appear to be progressing satisfactorily will be notified in writing, *and when appropriate*, given the opportunity to correct deficiencies identified by the Committee. Should the student be unable or unwilling to do so to the satisfaction of the Committee, s/he will be removed from the Teacher Education Program.

PROFESSIONAL LABORATORY EXPERIENCES IN EDUCATION

The capstone of all good teacher education programs is the laboratory experience. Only by dealing with children and youth in a classroom can an education major learn to apply successfully those concepts and skills taught in university courses.

Observation: Some informal observation is incorporated into most professional education and psychology courses. In most cases, this observation is related to concepts of the course. Often, however, its objective is to let students experience the classroom to help them in committing to the teaching profession.

Directed Observation and Participation: In the semester immediately preceding student teaching, all students in elementary and secondary education will observe and participate in classes at the level or in the field for which they are preparing to teach. An attempt is made to assign students to schools of differing socio-economic and ethnic backgrounds.

Only students formally admitted to the Teacher Education Program may enroll in either Education 411 or 421. Two semester hours of credit are given; grades are P (pass) and NC (no credit).

Student Teaching: The Teacher Education Program culminates in a semester of student teaching at the level and/or in the field(s) in which the student is preparing. Student teaching is done in the public schools of Caddo and Bossier parishes under the supervision of qualified university and public school personnel.

The student teacher is required to spend a minimum of 30 clock hours per week in the elementary or secondary

school classroom and spend time in planning conferences and student teacher meetings.

Twelve semester hours of credit are given: grades are P (pass) and NC (no credit). Because of the heavy demands of student teaching, the student teacher may take no more than one additional course during the student teaching semester.

Application for a student teaching assignment is made in Education 411 or 421. The following are the requirements for admission to a student teaching assignment:

1. senior standing in a teacher education curriculum;
2. completion of all courses in a curriculum titled "Methods and Materials in. . .";
3. completion of Education 411 or 421;
4. a grade-point average of 2.50 or better on all college work attempted;
5. grades (last grades in the case of repeats) of C or higher in each required education and psychology course, including those in the health and physical education curriculum; and,
6. grades (last grades in the case of repeats) of C or higher in the subject field or, in the case of the secondary-education teacher, fields of certification.

Exceptions to the above requirements will not be made.

DEGREE COMPLETION

Recommendation for Degree and Teacher's Certificate

Transfer credits apply to the degree only if they represent courses in the curricula of the School of Education.

After completing all requirements for a degree in teacher education and for a Louisiana teacher's certificate a student will be recommended for the degree if a majority of the Education and Human Development faculty vote for said recommendation.

The Louisiana Legislature requires that all applicants for initial teaching certificates take the PRAXIS Examinations and qualify at or above the scores required by the State Superintendent of Education.

It is the responsibility of the student to apply for and take the PRAXIS so that the scores can be attached to the application for a teaching certificate.

Requirements for Graduation

Baccalaureate degrees in teacher education programs are conferred when the student has fulfilled the following requirements:

1. completion of all general degree requirements;

2. grades (last grades in the case of repeats) of C or higher in each required education course;
3. completion of a curriculum administered by the School of Education with a grade point average of 2.50 or better on all college work attempted;
4. completion of all requirements for certification as specified by the state of Louisiana; and,
5. affirmative majority vote of the School of Education faculty recommending a baccalaureate degree.

Baccalaureate degrees in psychology are conferred when the student has fulfilled the following requirements:

1. completion of English 105 and 115 and Communications 135 (or equivalent courses) with grades of C or better;
2. grades (last grades in the case of repeats) of C or higher in each required education and psychology course;
3. completion of all general degree requirements;
4. completion of the psychology curriculum with a grade point average of 2.0 or better;
5. completion of the Major Field Achievement Test in psychology during the final regular semester before graduation; and,
6. affirmative majority vote of the School of Education faculty recommending a baccalaureate degree.

CURRICULA

EARLY CHILDHOOD EDUCATION

Students wishing to teach in pre-school, kindergarten, or primary grades should pursue this degree program. Please note that certification resulting from successful completion of this program does not certify students to teach above the third-grade level.

EARLY CHILDHOOD EDUCATION (Grades PK – 3)			
Total Hours: 129			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Sciences (two-semester sequence and one lab)	7	Education 201, 202, 250	9
Communications 135	3	English 205, 210, 215, or 220	3
English 105, 115	6	Kinesiology and Health Science	1
Mathematics 121, 127	6	Fine Arts 221 or Music 260	3
Sociology 107	3	Geography 105, 106, 251 or 252	3
History 105 or 106	3	Mathematics 217	3
History 145	3	Psychology 206, 207	6
Freshman Seminar	3	Science (non-sequential)	3
	34		31
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
English 301	3	Education 319	3
Education 307, 308	6	Education 411, 412	5
Education 311, 314, 316	9	Education 416	3
Library Science 415	3	Education 418, 419, 420	9
Education 317, 318, 385	8	Education 422	6
Education 417	3	Education 423	6
	32		32

ELEMENTARY EDUCATION

The student majoring in elementary education may pursue the general elementary education curriculum for grades 1-5. The student wishing to teach fine arts in elementary schools should see the appropriate curriculum under "*Elementary and Secondary Education*."

ELEMENTARY EDUCATION (Grades 1-5)			
Total Hours: 128			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Freshman Seminar 102	3	Education 201, 202, 250	9
Sciences (two-semester sequence)	6	English 205, 210, 215, or 220	3
Science (non-sequence area)	3	Economics 201	3
Communications 135	3	Fine Arts 221 or Music 260	3
English 105, 115	6	Geography 105, 106, 251, or 252	3
POLI 151	3	Mathematics 218	3
Mathematics 121, 127, 217	9	Sciences (non-sequence area)	6
History 145	<u>3</u>	Psychology 206	<u>3</u>
	36		33
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Education 308, 311, 314	9	Education 318, 319	6
English 301	3	Education 385	2
Education 309, 316, 317	9	Education 411, 412, 416	8
KHS 215	1	Education 422	<u>12</u>
Library Science 415	3		28
Psychology 207	3		
Sociology 107	<u>3</u>		
	31		

SPECIAL EDUCATION

LSUS School of Education has no undergraduate degree program in Special Education at this time. A student who wishes to add Special Education as an endorsement to a teaching certificate in Elementary or Secondary Education may do so by completing the following additional twelve or fifteen semester hours:

- ❖ ED 302: *Teaching Pupils with Learning and Behavior Problems* (3 credits)
- ❖ ED 303: *Teaching Basic Subjects to Mildly and Moderately Handicapped Pupils* (3 credits)
- ❖ ED 386: *Special Education Diagnostics Practicum* (3 credits)
- ❖ ED 409: *Vocational and Transition Services for Students with Disabilities* (3 credits)
- ❖ ED 387: *Practicum in Assessment and Evaluation* (3 credits)

ELEMENTARY AND SECONDARY EDUCATION

NOTE: *New Elementary and Secondary Education curriculum requirements are in the process of being adopted. Upon approval, students will be required to complete the new degree requirements. Please contact the School of Education for the most current information.*

The School of Education offers curricula for those choosing to teach fine arts or French in elementary schools and high schools. The School of Education also offers two tracks in health and physical education: one for those choosing to teach the subject in elementary and high schools; one for those interested in initiating and administering health and fitness programs.

ELEMENTARY AND SECONDARY EDUCATION -- FINE ARTS			
Total Hours: 128			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Biology (two-semester sequence)	6	Communications 135	3
English 105, 115	6	Education 201	3
Fine Arts 100, 150, 180, 250	12	English (200-level literature)	6
Mathematics 121, 124	6	Fine Arts 200, 240, 270, 281	12
Physical Science	<u>3</u>	Fine Arts 210	3
	33	HPE 143 or HPE 100, 128, 144, 155	2
		KHS 215	<u>1</u>
			30

ELEMENTARY AND SECONDARY EDUCATION -- FINE ARTS			
Total Hours: 128			
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Education 320, 439	6	Education 385	2
Fine Arts 311, 330, 381	9	Education 411 or 421	2
Fine Arts 221	3	Education 422	12
History 146	3	Philosophy	3
HPE (service course)	1	Fine Arts 241	3
Psychology 206, 208	6	History 105, 106	6
Computer Science	3	Social Science ¹	6
	31		34

¹See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

ELEMENTARY AND SECONDARY EDUCATION -- FOREIGN LANGUAGE - FRENCH			
Total Hours: 128			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Biology (two semester sequence)	6	Education 201, 202	6
Communications 135	3	English (200-level literature)	6
English 105, 115	6	Fine Arts 140	3
French 101, 102	6	French 201, 205, or 300-level	6
Mathematics 121, 124	6	History 145 or 146	3
Political Science 101 or 151	3	HPE (service course)	1
Physical Science	3	Psychology 206, 208	6
	33		31
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Education 316	3	Education 385	2
Education 317	3	Education 421	2
Education 318	3	Education 422	12
Education 320, 436	6	French (300-level or above)	12
French (300-level or above)	9	Psychology 455	3
Geography 105, 106, 251 or 252	3		31
HPE 143, KHS 215	3		
Sociology 107	3		
	33		

ELEMENTARY AND SECONDARY EDUCATION -- HEALTH AND PHYSICAL EDUCATION			
Total Hours: 127			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Freshman Seminar 102	3	English 205, 210, 215, or 220	3
English 105, 115	6	Biological Science 282	3
Communications 135	3	History 145 or 146	3
Biological Sciences 110, 120	6	Psychology 206	3
Mathematics 121, 122	6	Psychology 207 or 208	3
Fine Arts 140 or Music 120	3	Chemistry, Physics or Physical Science	3
Sociology 107	3	KHS 203	4
HPE 144	1	KHS 205	4
HPE 104, 116, or 151	1	KHS 207	3
HPE 160, 161, 162, or 163	1	KHS 215	1
HPE 113	1	KHS 225	3
	34		33
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Biology 280	3	KHS 332	3
KHS 281	3	KHS 333	3
KHS 235	3	KHS 430	3
KHS 309	1	KHS 320	3
KHS 310	3	KHS 414	3
KHS 315	3	Education 421	2
KHS 323	3	KHS 420	3
KHS 325	3	KHS 422	9
KHS 340	3		29
KHS 425	4		
HPE elective	2		
	31		

¹See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

SECONDARY EDUCATION

The student majoring in secondary education, grades 6 - 12, may choose a curriculum in (1) English education, (2) mathematics education, (3) mathematics/mathematics education, (4) science education (with options in biology, chemistry, or physics) or (5) social studies education. A secondary focus area is required for all Secondary Education curricula except Social Studies.

SECONDARY EDUCATION--ENGLISH			
Secondary Focus Area Required			
Total Hours: 129 - 133			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Freshman Seminar 102	3	English 200	3
English 105, 115	6	English 205 or 210	3
Communications 135	3	English 225	1
History 105 or 106	3	Sociology 107	3
Mathematics 121	3	Secondary Focus Area	8
Mathematics above 121	3	Education 201, 202, 250	9
Biological Sciences (2-semester sequence)	6	Psychology 206 and 208	6
Fine Arts 140, 240, or 241	3		33
Social Science elective	3		
KHS 215	<u>1</u>		
	34		
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
English 301	3	English (400 level – British Literature*)	3
English 408 or 409	3	English 470 or 471	3
English (400 level - British Literature*)	3	English 485	3
HPE Service Course	1	History 145 or 146	3
Library Science 412	3	Education 385	2
Education 320, 413, and 414	9	Education 436	3
Physical Science elective	3	Education 421	2
Secondary Focus area	<u>6</u>	Education 422	12
	31	Secondary Focus Area	4
			35

*Six hours of 400-level British Literature should be selected from among two of the following three options: ENGL 407, 410, or 420; ENGL 404 or 450; ENGL 455, 460, or 465

SECONDARY EDUCATION--MATHEMATICS			
Secondary Focus Area Required			
Total Hours: 129 - 132			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Freshman Seminar 102	3	Education 201, 202	6
Biological Sciences (2-semester sequence)	6	English (200-level literature)	3
Communications 135	3	Psychology 206	3
English 105, 115	6	Mathematics 201, 221, 222, 223	15
Fine Arts 140, 240, or 241	3	Mathematics 260	3
HPE Service Course	1	Secondary Focus Area	3
Physical Science elective	3		33
History 145 or 146	3		
Secondary Focus Area	<u>3</u>		
	31		
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Education 250	3	Education 320, 385	5
KHS 215	1	Education 413, 414	6
Mathematics 235, 254	6	Education 421, 437	5
Mathematics 413, 407	6	Education 422	12
Psychology 208	3	Mathematics 461	3
History 105 or 106	3	Secondary Focus Area	<u>3</u>
Sociology 107	3		34
Social Science elective	3		
Secondary Focus Area	<u>6</u>		
	34		

SECONDARY EDUCATION--SOCIAL STUDIES (Secondary Teaching Focus NOT REQUIRED) Total Hours: 129			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Freshman Seminar	3	English (200-level literature)	3
English 105, 115	6	History 145, 146	6
Communications 135	3	Mathematics (above 121)	3
Biological Sciences (2-semester sequence)	6	Education 201, 202	6
Fine Arts 140, 240, or 241	3	Psychology 206	3
Political Science 151	3	Economics 201 or 202	3
History 105, 106	6	Geography 251 or 252	3
Mathematics 121	3	Anthropology or Philosophy	3
	33	Physical Science elective	3
			33
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Education 250, 320	6	History 251, 252, 414, or 415	3
History 271	3	Education 385	2
History 299	3	Education 413, 414, 438	9
History 300+ (American)	3	Education 421	2
Sociology 107	3	Education 422	12
Psychology 208	3	Geography 450	3
HPE Service course	1		31
KHS 215	1		
History 300+ (European)	6		
Political Science 300+	3		
	32		

SECONDARY SCIENCE EDUCATION--BIOLOGY Secondary Focus Area Required Total Hours: 129 - 132			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Freshman Seminar 102	3	Biological Sciences 222, 222L	4
Biological Sciences 110, 110L, 120, 120L	8	Biological Sciences 224, 224L	4
Secondary Focus Area	8	Biological Sciences 280, 280L	4
Communications 135	3	Education 201, 202	6
English 105, 115	6	English (200-level literature)	3
HPE Service course	1	Psychology 206	3
Mathematics 121, 122	6	Secondary Focus area	8
Fine Arts 140, 240, or 241	3	Sociology 107	3
	35	KHS 215	1
			36
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Biological Sciences 320, 320L	4	Biological Science 440, 440L	4
Biology 363, 363L	4	Physical Science elective	3
Secondary Focus area	8	Education 385	2
Psychology 208	3	Education 413, 414, 435	9
History 105 or 106	3	Education 421	2
Education 250 and 320	6	Education 422	12
Social Science elective	3		32
	31		

SECONDARY SCIENCE EDUCATION--CHEMISTRY Secondary Focus Area Required Total Hours: 128 - 133			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Freshman Seminar 102	3	Chemistry 255, 255L, 265, 265L	8
Chemistry 121, 121L, 124, 124L	8	Education 201, 202	6
Secondary Focus Area	8	English (200-Level literature)	3
Communications 135	3	Fine Arts 140, 240, or 241	3
English 105, 115	6	History 145 or 146	3
Mathematics 121, 122	6	Psychology 206	3
HPE Service course	1	Sociology 107	3
	35	Secondary Focus Area	3
			32

SECONDARY SCIENCE EDUCATION--CHEMISTRY Secondary Focus Area Required Total Hours: 128 - 133			
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Chemistry 266, 266L	4	Chemistry 366, 415	5
Education 250, 320, 385	8	Education 413, 435	6
Secondary Focus Area	5	Education 421	2
Psychology 208	3	Education 422	12
History 105 or 106	3	Secondary Focus area	6
Social Science Elective	3	Education 414	3
Six (6) credits from among:	6		34
CHEM 290(1), 301(1), 375(3), 490(1-3), and	32		
BCHEM 410(3), 410L(1), 412(3), and 412L(1)			

SECONDARY SCIENCE EDUCATION--PHYSICS Secondary Focus Area <u>MUST</u> be Mathematics Total Hours: 128			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Freshman Seminar 102	3	Education 201, 202	6
Communications 135	3	English (200-level literature)	3
English 105, 115	6	Mathematics 221, 222	8
Fine Arts 140, 240 or 241	3	Psychology 206, 208	6
Physics 251, 251L	4	History 145 or 146	3
History 105 or 106	3	Social Science elective	3
Sociology 107	3	KHS 215	1
Mathematics 121, 122	6	HPE 143	2
HPE Service course	1		32
	32		
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	<u>Sem. Hrs.</u>
Education 250, 320	6	Education 385, 413	5
Mathematics 223, 235	7	Physics 326, 335, 365	9
Physics 261, 261L, 262, 262L	8	Education 414	3
Physics 302, 320	6	Education 435	3
Physics 325	3	Education 421	2
	30	Education 422	12
			34

SECONDARY EDUCATION (GRADES 7 – 12)

REQUIREMENT FOR SECONDARY TEACHING FOCUS AREAS

In accordance with state certification requirements, students entering teacher education programs in Secondary Education June 2003 and thereafter must pursue a Primary teaching Focus Area (major) and a Secondary Teaching Area (minor). With successful completion of the appropriate PRAXIS examination, the student will also be certified in the Secondary Focus area. This regulation applies to all students with the exception of those pursuing certification in Secondary Education-Social Studies.

Following are the requirements for completion of the various Secondary Teaching Focus Areas:

BIOLOGY (BIOS): (14 additional credits [cr] are required). If selecting Biology as the Secondary Teaching Focus Area, the student must take Biology 110 and Biology 120 for the required Biology Courses in the General Education Requirement, as well as: BIOS 110L [1]; 120L [1]; 222 [3]; 222L [1]; 224 [3]; 224L [1]; 280 [3]; 280L [1].

CHEMISTRY (CHEM): (13 addition credits [cr] are required). If selecting Chemistry as the Secondary Teaching Focus Area, the student must take Chemistry 121 for the Physical Science requirement in General Education, as well as: CHEM 121L[1]; 124[3]; 124L [1]; 255 [3]; 255L [1]; 265 [3]; and 265L [1].

ENGLISH (ENG): (13 additional credits [cr] are required). If selecting English as the Secondary Teaching Focus Area, the student must select English 200 and English 205, as the “200-level literature” requirements in General Education as well as: ENG 210 [3]; 225 [1]; 301 [3]; ENG 407, 410, or 420 [3]; ENG 408 or 409 [3].

MATHEMATICS (MATH): (21 additional credits [cr] are required). If selecting Mathematics as the Secondary Teaching Focus Area, the student must select Mathematics 122 as the “Math above 121” requirement in General Education as well as: MATH 201 [3]; 221 [4]; 222 [4]; 223 [4]; 235 [3]; 407 [3].

PHYSICS (PHYS): (12 additional credits [cr] in Physics and 8 additional credits in Mathematics are required). If selecting Physics as the Secondary Teaching Focus Area, the student must select Physics 120 for the Physical Science requirement in General Education and must also complete Mathematics 221 and 222 as prerequisites to Physics 261 and 262, as well as PHYS 220 [4]; 261 [3]; 261L [1]; 262 [3]; 262L [1].

SOCIAL STUDIES: (15 additional credits [cr] are required). If selecting Social Studies as the Secondary Teaching Focus Area, the student must select Geography 251 or 252 as the Social Science elective in the General Education requirement, as well as: ECON 201 or 202 [3]; HIST 271 [3]; HIST 251, 252, 414 or 415 [3]; HIST 299 [3]; and POLI 151 [3].

ADMISSION TO RE-DESIGNED ALTERNATE CERTIFICATION PROGRAMS

Presently, LSUS offers re-designed alternate certification programs leading to designation as a “highly-qualified” teacher in the following certification areas: *Elementary Education and Secondary Education*.

Criteria for admission to these programs include:

1. Completion of an official undergraduate application to LSUS through the Office of Admissions and submission of official transcripts from all institutions previously attended.
2. Admission to the TeachLSUS program.
3. A baccalaureate degree from a regionally-accredited college or university, including an overall grade point average of 2.50 at the time that the bachelor’s degree was awarded. No grades for either undergraduate or graduate courses taken following the awarding of the bachelor’s degree shall be included in determining grade point average eligibility for the program. (Students whose overall GPA is below 2.50 are not eligible for alternate certification. Certification for such students may only be obtained by completing a second baccalaureate degree, including student teaching.)
4. Submission of acceptable scores for PRAXIS I (Reading, Writing, and Mathematics) or ACT/SAT* and for the appropriate PRAXIS II Specialty Area(s). (A student who possesses a master’s degree from a regionally-accredited college or university is not required to submit PRAXIS I scores.)

PRAXIS I: PRE-PROFESSIONAL SKILLS TESTS (PPST’S) ACCEPTABLE SCORES (K-12)

<u>Subject</u>	<u>Score</u>
Reading	174
Writing	173
Mathematics	172

***Effective September 1, 2006: An ACT composite score of 22 or an SAT combined Verbal and Math score of 1030 may be used in lieu of PRAXIS I PPST exams.**

PRAXIS II: SUBJECT ASSESSMENT K-6:	<u>Minimum Scores</u>
Principles of Learning and Teaching K-6	161
<u>Specialty Area</u>	
Elementary Education: Content Knowledge	150
PRAXIS II: SUBJECT ASSESSMENT 7-12:	
Principles OF Learning And Teaching 7-12	161
<u>Specialty Areas</u>	
Biology: Content Knowledge	150
Chemistry: Content Knowledge	151
English: Content Knowledge	160
English: Pedagogy	130
Mathematics: Content Knowledge	130
Social Studies: Content Knowledge	149
Social Studies: Interpretation of Materials	152
Education of Exceptional Students	
Core Content Knowledge	143
Mild to Moderate Disabilities	141
Early Childhood Education	172
Physics: Content Knowledge	141

Procedures to be followed include:

1. Formal application to the Teach LSUS Program through the TeachLSUS Office located in BE 381.
2. Students are “blocked” from registering for any 300- or 400-level course in Education until formal admission has been granted by TeachLSUS. This process is separate from admission to the University and the completion of a program of study form. (TeachLSUS application forms may be obtained in the TeachLSUS office, BE 381. Completed applications should be returned to the same location.)

Program Structures and Restrictions:

The Re-designed Alternate Certification programs each include twenty-four to thirty-three required credits, including six credits in Student Teaching or Internship. A maximum of nine additional credits may be “prescribed” at any time during the program for a candidate, based on needs as perceived by Department faculty. A grade of C or better must be attained in each required course within the program.

1. A maximum of six credits may be transferred into the program from another institution. Any course(s) from another institution in which a student plans to enroll following admission into the LSUS program must have the approval of the Department of Education chair prior to enrollment in the course(s). No courses which are numbered at the 300- or 400-levels in our programs may be transferred from two-year institutions. Transfer credits will be accepted only if they have been taken from regionally-accredited institutions.
2. A student who is enrolled in the program and is also employed as a full-time teacher or a paraprofessional by a public or private school may enroll in no more than six credits during each of the Fall and Spring semesters. Candidates who are full-time students (not employed as teachers) may enroll in no more than twelve credits per semester.
3. Student Teaching (ED 422–6 credits) should be taken in the last Fall or Spring semester during which the student is enrolled in the program. All materials and methods courses must be completed prior to enrollment in student teaching. No more than three credits in addition to student teaching may be taken during the student teaching semester. Candidates who are employed as full-time teachers in public or private school settings are eligible for Internship (ED 424, taken for two consecutive semesters for three credits per semester), provided that at least one-half of his/her teaching assignment is in the area in which certification is being sought. Waivers for three or more years of teaching experience in place of student teaching or internship are not granted for candidates in re-designed programs. Students who plan to student teach and those who intend to enroll in internships should contact the Director of Field Experiences no later than the final drop date of the semester preceding student teaching or internship enrollment.
4. Completion of certification requirements include the submission of acceptable scores for either PRAXIS-Principles of Learning and Teaching: K-6 (elementary education) or PRAXIS-Principles of Learning and Teaching 7-12 (secondary education) as appropriate to the student’s area of certification. Students certifying in Special Education must take Education of Except. Stud: Core Content #0353 and Education of Except Stud: Mild/Mod. Disabilities #0542. Completion of the application for a teaching certificate should be done near the conclusion of the student’s final semester. The Administrative Secretary in BE 117 will provide assistance in the application process.

School of Human Sciences

CURRICULA

KINESIOLOGY AND HEALTH SCIENCES

Chair:

Timothy Winter HPE 207A 797.5344

Faculty:

J. Jesse DeMello	HPE 211	797.5101	John O'Connor	HPE 214	797.5114
Mary Hawkins	HPE 217	797.5197	Kyle Pierce	HPE 215	795.4241
Rosevelt Jacobs	HPE 218	797.5218			

Director of USA Weightlifting and Health Performance Center

Kyle Pierce HPE 215 795.4241

Health and Physical Education Facilities Coordinator

Tim McInnis HPE 107 798.4145

Military Sciences

SFC Victor Gale HPE 212 797.5083

Mission Statement:

The School of Human Sciences contains departments that embrace the philosophy that complex human behavior can be understood through the application of modern scientific methods. Whether one focuses on the psychology of human existence or the physical processes that support life and health, students and faculty in the School of Human Sciences are acutely aware that understanding is greatest when one understands the interface of both psychological and physical sciences. The component core departments of Kinesiology and Health Science, and Psychology are grounded in that fundamental perspective. Majors from these departments should graduate with a fuller appreciation of the current scientific foundation, determinants and strategies of health and human behavior, and a clear understanding of how knowledge is gained and applied in our understanding of human existence.

COMMUNITY HEALTH

People interested in assisting individuals and communities live a healthier, happier life choose Community Health as a major. Community Health Educators work with groups of people, usually in a community setting, promoting physical activity, protecting and preserving health. The Community Health Educator then works as a catalyst to assist the individual, or community, to modify and enhance lifestyles to promote health and prevent disease. Community Health Educators are interested in developing community-based educational programs which promote healthy lifestyles that help prevent disease.

In preparation towards becoming a Community Health Educator, students will learn skills that will enable them to assist communities and individuals in achieving their goal of a healthy lifestyle and risk management reduction. These skills then become the “tools” to aid in the healthy lifestyle changing process. Skills taught include: assessing individual/community needs and assets; planning, implementing and administering health education programs; evaluating the effectiveness of health education programs; and facilitating/understanding group dynamics and individuals across the lifespan.

The curriculum is designed following the Society of Public Health Education and the American Association for Health Education Baccalaureate Programs “Recommendations for Community Health.” The criteria assure that graduates have the needed competencies to become certified Health Education Specialist’s (CHES). The Community Health program is designed to provide advanced areas of study dependent upon the individual’s unique needs and interests. Students in Community Health must sit for one of the following certification exams: CHES; ACSM Health/Fitness Specialist; NSCA Certified Strength and Conditional Specialist, or Physical Activity in Public Health Specialist (PAPHS). One area of concentration should be selected from the following:

- Concentration I:** *American Humanities:* a specific certification for those interested in management of non-profit organizations;
- Concentration II:** *Health Behavior:* enhanced study of health focusing on factors influencing human behavior and the resultant health decision-making practices; or
- Concentration III:** *Physical Activity:* for those individuals seeking expertise in fitness and wellness venues, program designed to comply for American College of Sports Medicine (ACSM) Health Fitness Instructor and National Strength and Conditioning Association (NSCA) guidelines. We are an NSCA Education Recognition Program 2007-2010.
- Concentration IV** *PrePT & PreOT:* For students utilizing Community Health as the baccalaureate degree major for fulfilling prerequisite requirements for admission to the LSU School of Allied Health Physical Therapy or Occupational Therapy programs at both New Orleans and Shreveport campuses.

COMMUNITY HEALTH			
Total Hours: 127			
<i><u>Freshman Year</u></i>	<i><u>Sem. Hrs.</u></i>	<i><u>Sophomore Year</u></i>	<i><u>Sem. Hrs.</u></i>
Freshman Seminar	3	English (200-level literature)	3
English 105, 115	6	History 105, 106, 107, 145, or 146	3
Communications 135	3	Biological Sciences 280, 282	6
Biological Sciences 110, 120, 120L	7	HPE 143	2
Mathematics, 121, 122+	6	KHS 215, 226, 281	7
Communications 260 or 261, Fine Arts 100, 140, 221, 240, 241; or Music 120 or 260	3	Sociology 107	3
HPE 100, 128	2	KHS 310	3
Psychology 152	3	Chemistry 121	3
	33	Physical Science ¹	3
			33
<i><u>Junior Year</u></i>	<i><u>Sem. Hrs.</u></i>	<i><u>Senior Year</u></i>	<i><u>Sem. Hrs.</u></i>
Psychology 216	3	KHS 405, 410	6
KHS, 311, 334, 335 and 338	11	KHS 462	6
KHS 425	4	KHS 491	1
Health Content Core Elective	3	Psychology 405 or 455	3
Electives Concentration	12	Health Content Core Elective	6
	33	Electives Concentration	6
			28

¹See "General Education Course Requirements" under **DEGREE REQUIREMENTS** for restrictions.

Health Education Process Core: KHS 226, 310, 334, 338, 405, 410, 425, 462, and 491

Health Content Core: KHS 215, 281, 311, and 9 cr. hrs., electives from 235, 312, 315, 490

Physical Education Service and Fitness Courses: HPE 100, 128, and 143

18 hours from one Concentration

- Concentration I:** *American Humanities:* ACCT 205, MADM 301, POLI 201 or SOCL 302, MKT 301, SOCL 392 or SOCL 302, MKT 301, SOCL 392 (also cross listed at MGMT 393 and POLI 392), SOCL 492 (also listed at MGMT 492 and POLI 492), SOCL 493 (also listed at MGMT 493 and POLI 493) – American Humanities Management Institute (AHMI) , and SOCL 499.
- Concentration II:** *Health Behavior:* PSYC 426; KHS 333, 490; LESH 405, SOCL 375; ENSC elective PSYC 450; other approved electives.
- Concentration III:** *Physical Activity:* KHS 308, 313, 320, 323, 327, 340, 425, 440, 460 and other approved electives.
- Concentration IV** *PrePT or PreOT:* KHS 325, 440, 460; then 9 electives from [All must be met to fulfill PrePT requirement from LSUHSC School of Allied Health]; BIOS 222, BIOS 220L, BIOS 300+ BIOS 400+ electives; PHYS 252, PHYS252L; CHEM 121L, CHEM 124, CHEM 124L; CSC 115; AND ENGL 325. PSYC 404 required for PreOT only.

Students that complete the Physical Therapy Assistant Program at Bossier Parish Community College can transfer to the LSU Shreveport Community Health program as part of the articulation agreement. Students can transfer no more than ½ of the required hours from a 2-year college to LSU Shreveport. Students wishing to pursue this option should meet with the Chair of Kinesiology and Health Science Department.

Contact the Department of Kinesiology and Health Sciences for details of Bossier Parish Community College (BPCC) and LSUS articulation agreements for Physical Therapy Assistant and Community Health.

PSYCHOLOGY

Chair:

Gary Jones BE 348A 797.5044

Faculty:

Yong Dai	BE 356	797.5042	Mary Margaret Lusk	BE 357	797.5277
James Evans	BE 355	795.4211	Rebecca Nolan	BE 354	797.5050
Rhonda Failey	BE 351	797.5047	Meredith Nelson	BE 350	797.5199
Jean Hollenshead	BE 352	797.5048	Michael Welch	BE 358	797.5143
Kevin Krug	BE 354	747.2411	Katherine Wickstrom	BE 373	797.5173
Jeff Lawley	BE 360	797.5046			

Director of Master of Science in Counseling Psychology

Meredith Nelson BE 350 797.5199

Director of Specialist in School Psychology

Kevin Jones BE 359 797.5043

Psychology is the scientific study of behavior and mental processes. The requirements for the Bachelor of Science degree in Psychology are designed to introduce the student to the broad spectrum of psychological knowledge, skills, and dispositions, including an early exposure to research methods and statistics. The psychology major prepares students for entry-level general employment and for graduate study in psychology and related fields such as law, medicine, and others. Two graduate programs offered at LSUS serve to further prepare students for careers in psychology — The Master of Science in Counseling Psychology and the Specialist in School Psychology.

PSYCHOLOGY			
Total Hours: 120			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
Biological Sciences	6	English 200-level ⁴	6
Communications 135 ¹	3	HPE ⁵	1
Dance, Drama, Music or Fine Arts ³	3	Approved Physical or Biological Sciences	6
English 105, 115 ¹	6	Approved Physical Science elective	3
HPE ⁵	2	Psychology 209, 212, 216	9
Mathematics	3	Mathematics (above 121)	3
Freshman Seminar 102	3	History 105, 106, 107, 145, or 146	3
Computer Science 111 or ISDS 150	3	Philosophy 105	3
Psychology 152	3		34
	32		
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR³</u>	<u>Sem. Hrs.</u>
Political Science Elective	3	Psychology 404, 405, 428	9
Sociology 105	3	Psychology Elective 400+	3
Psychology 317, 350, 411	9	Approved Social Science	6
Psychology 422, 455	6	Additional electives ²	9
Additional electives ²	3		27
Approved Social Science electives	3		
	27		

¹ Grades of "C" or better are required in English 105, 115, COMM 135, and Math 121.

² Psychology courses not required for the degree may be used as electives

³ The Major Field Achievement Test in Psychology must be completed during the final regular term before the awarding of the degree

⁴ English courses required include only those above 200

⁵ At least two "activity" courses or HPE 143

All required psychology courses must have a grade of "C" or better to count for graduation. In addition, a course which is a pre-requisite for another psychology course must earn a grade of "C" or better before the subsequent class can be taken (e.g., Math 121 ≥ "C" before PSYC 216, PSYC 216 ≥ "C" before either 317 or 350, PSYC 404 ≥ "C" before 405, etc.)

PRE-REHABILITATION COUNSELING

*(Bachelor of Science degree offered through the School of Allied Health Professions at
LSU Health Sciences Center-New Orleans)*

LSUS offers college work designed to prepare the student to apply for admission to the Bachelor of Science degree program, Department of Rehabilitation Counseling, School of Allied Health Professions in New Orleans. To be eligible for admission to the program, a student must complete a minimum of 90 semester hours as specified below: ***Advisors for this program will be the Psychology Department Advisors.***

ALLIED HEALTH SCIENCES PRE-REHABILITATION COUNSELING			
Total Hours: 90			
<u>FRESHMAN YEAR</u>	<u>Sem. Hrs.</u>	<u>SOPHOMORE YEAR</u>	<u>Sem. Hrs.</u>
English 105, 115	6	Chemistry 121	3
Mathematics 121, 122	6	Computer Science	3
Psychology 152	3	English 200 Level & 301 or 325	6
Biological Science 120, 120L, 282	7	Social Science Electives	6
Sociology 105	3	Psychology 207 or 208	3
Communications 135	3	Psychology 212, 305	6
Humanities Elective	3	Mathematics 210 or Psychology 216	3
	31		30
<u>JUNIOR YEAR</u>	<u>Sem. Hrs.</u>	<u>SENIOR YEAR</u>	
Psychology 405	3	Admission to the curriculum in Rehabilitation Counseling at the	
Fine Arts Elective	3	LSU School of Allied Health is on a competitive basis.	
Social Science Elective	3		
Humanities Elective	3		
Electives	17		
	29		
<u>RECOMMENDED ELECTIVES</u>			
<i>Social Sciences:</i> Psychology, Sociology ♦ <i>Science:</i> Biology, Chemistry, Mathematics, Physics ♦ <i>Humanities:</i> Literature, Philosophy, and Foreign Language			

MILITARY SCIENCE

RESERVE OFFICERS' TRAINING CORPS' GENERAL MILITARY SCIENCE PROGRAM

The senior ROTC program at LSUS is voluntary. Successful completion of ROTC will qualify students who desire to serve their country to be commissioned as officers in the Army (on active duty), the U.S. Army Reserve or the Army National Guard upon graduation. Students may minor in but not major in Military Science.

Four-Year Program

The four-year program is divided into two parts: (1) Basic Course, first two years and (2) Advanced Course, including summer camp, last two years.

The Basic Course consists of classroom instruction for a minimum of one hour and a two-hour laboratory per week. No commitment is incurred by students who enroll in the Basic Course.

The Advanced Course consists of classroom instruction for a minimum of two hours per week, a two-hour laboratory for two academic years, and attendance at a five-week summer camp, normally between the junior and senior academic year. Advanced Course students are required to do physical training three hours per week as part of the laboratory. Also, Advanced Course students must take at least one course from each of the following academic areas: Written Communications skills, Military History, Computer Literacy, Mathematics, and Human Behavior (Social Science or Psychology). Specific requirements are available from the Military Science Department.

Two-Year Program

The two-year program allows qualified sophomores and juniors to enter the Advanced Course program in one of five ways:

1. Completion of the Basic ROTC Summer Camp (MILS 207) in the summer before their junior year.

2. Honorably discharged prior service students, who were eligible to reenlist and who will be under the age of 30 on the date of commissioning and/or graduation.
3. Current members of the Army Reserve or Army National Guard who enroll in the Simultaneous Membership Program (SMP).
4. Accelerated Cadet Commissioning Training (ACCT)
5. Alternate Entry Option (AEO)

Enrollment

To be eligible for enrollment in the Basic Course, a student must:

1. Be accepted by the University as a full-time enrolled student.
2. Be at least 17 years of age at time of enrollment.

To be eligible for enrollment in the Advanced Course, a student must, in addition to the above:

1. Be a citizen of the U.S.
2. Be physically qualified under standards prescribed by the Department of the Army.
3. Be enrolled as a full-time student.
4. Apply for admission into the Advanced Course.
5. Be accepted by the Professor of Military Science.
6. Be at least 17 and not more than 27 years of age at the time of enrollment and graduate before the age of 30. (Age waivers to age 34 are possible for exceptional students.)
7. Have a cumulative grade point average of at least 2.0.

8. Have completed the ROTC Basic Course or equivalent as listed under the two-year program.
9. Be classified as an academic junior by the University.

Scholarship Program

Two-, three-, and four-year Army ROTC scholarships as well as civic scholarships provide financial assistance for qualified and selected students who exhibit strong motivation toward careers as officers in the United States Army. An Army ROTC scholarship will pay all tuition expenses, text book allowance, mandatory laboratory expenses (except Aviation fees), and provides a tiered stipend of \$300, \$350, \$450, or \$500 per month for each academic year during enrollment.

To apply for an ROTC Scholarship, the student must:

1. Display a strong desire for a career as an officer in the Regular Army.
2. Be a citizen of the U.S.
3. Have a minimum cumulative GPA of 2.5 and an ACT score of 19 or higher.
4. Be at least 17 years of age by October of the year in which the application is made.
5. Pass the U.S. Army Officer physical entrance examination.
6. Agree to accept a commission if offered.
7. Agree to serve at least four years on active duty.

Commissions

Upon completion of the Advanced Course and graduation from the University, a student may be commissioned as a Second Lieutenant to serve on active duty or be offered a commission in the U.S. Army Reserve or National Guard. Commissions in the Army Reserve or National Guard can be guaranteed to individuals who express this preference. A delay to enter into active duty may be granted to students who desire to pursue full-time courses of instruction leading toward advanced degrees. Commissioners incur an eight year service commitment. Non-scholarship students can serve on active duty or serve in the National Guard or Reserves in an active or inactive status, or any combination thereof totaling eight years. Scholarship students are expected to serve on active duty

for four years with a three- or four-year scholarship or three years with a two-year scholarship.

Uniforms, Texts, and Equipment

The government lends all uniforms, texts and equipment required at each level of the program. (These items must be returned upon leaving the ROTC program at LSUS or upon commissioning.)

Allowances

Advanced Course students and ROTC Scholarship recipients receive non-taxable subsistence pay of \$300 to \$500 per month during the school year and one-half of a second lieutenant's pay (approx. \$800.00) during ROTC summer camp. All travel expenses are reimbursed and room and board is provided during camp.

Leader's Training Course

Cadets take part in the Leader's Training Course when they enter Army ROTC going into their junior year. This course, made up of four phases, allows Cadets to "catch up" with those who joined in their freshman or sophomore years. The first phase introduces Cadets to the Army and prepares them for the next three phases consisting of team building, leadership development and Field Training Exercises.

Leader Development and Assessment Course

Every Army ROTC Cadet who enters into the Advanced Course attends the Leader Development and Assessment Course. It's a four-week summer course to evaluate and train all Army ROTC Cadets. This course normally takes place between your junior and senior years of college, and is conducted at Fort Lewis, Washington.

Special Summer Training

Special 3-4 week summer training opportunities are available to selected Basic Course and/or Advanced Course students who volunteer and are qualified. This training includes Airborne School, Air Assault School, Northern Warfare School, Mountain Warfare, Survival Evasion Resistance Escape; United Kingdom UTOC, and Cadet Troop Leader Training Program. Travel expenses, room and board are provided for these U.S. Army Schools.

GRADUATE PROGRAMS

The **Master of Education**, a professional graduate degree, is designed to enhance and enrich students' academic and professional backgrounds. The degree program consists of 36 semester hours and is tailored to meet the individual needs of the student. The program also allows students to seek additional certifications while pursuing the Master of Education degree. Additional certifications Library Science, School Counseling and Educational Technology Facilitation. Teacher certification is required to enter all M.Ed. programs, with the exception of Ancillary Counseling.

The **Master of Education in Curriculum and Instruction (MEDCI)** is a 36-hour program. The candidate may complete the MEDCI in Gifted Education or in Reading. The MEDCI in Gifted Education certifies teachers of Academically Gifted Students. Requirements include 21 hours of coursework in gifted education which provides candidates with the foundation and skills needed to differentiate instruction to meet the needs of the individual learner. The MEDCI in Gifted meets Council of Exceptional Children and National Association of Gifted

Students standards. Teacher certification is required. The MEDCI in Reading is designed to train and certify Reading Specialists and Literacy Coaches. Requirements include 21 hours of reading and literacy which provide theoretical bases of instruction as well as hands-on field experiences. Designed for teachers and administrators in all school settings and at all levels, the MEDCI in Reading meets International Reading Association national standards.

The **Master of Education in Educational Leadership** program is a 36-hour, performance-based program of study. It is a preparation program designed for those aspiring to school principalship and other areas of supervision. The program promotes the understanding of the integration of knowledge and skills in educational leadership, based on Standards for School Principals in Louisiana (SSPL), Educational Leadership Constituent Council (ELCC), and NCATE guidelines. Candidate development includes the acquisition of knowledge, integration of theory with practice, and the application of knowledge and skills in school settings. The majority of the coursework is designed with the incorporation of performance activities, culminating with an internship experience. Candidates are selected through an application and interview process. Teaching certification is required and three years experience is preferred.

The **Master of Public Health** degree program is designed for students to complete 48 credit hours. The curriculum is specifically designed to education public health graduate students for careers in public health settings and prepare them for national certification as MPH graduates. Accordingly, there is a core of five course (15 credit hours) that address the five areas of core knowledge identified by the Council of Education for Public Health (CEPH) as essential for MPH student to demonstrate. The program required courses which emphasizes the cross-cutting areas of public health and consists of 21 credit hours of study; six credit hours were set aside to provide student opportunities to pursue health relevant courses as electives. The last phase of the program consists of the practicum (3 credit hours). Students are required to complete 200 hours of practicum experience and produce a structured report that describes, analyzes, and critiques the practicum experience. Students have an option of conducting a MPH Capstone project (3 credit hours) or writing a Master's thesis (6 credit hours), students who choose a MPH Capstone project will have to take two

electives. Students who choose to write a thesis may waive one elective. In both the practicum and culminating experiences, students are under the supervision and guidance of faculty and field-based practitioners.

The **Master of Science in Counseling Psychology** is designed for counseling practice at the independent practice level in Louisiana. Graduates will have received training in the delivery of mental health and/or school counseling services in a variety of settings, including such places as governmental and private social service agencies, prisons, schools, hospitals, and free-standing treatment centers, and group multi-disciplinary practices. The Master of Science in Counseling Psychology degree program is designed to include an appropriate balance of theory and practice. The successful practitioner must be trained from within the "theorist-practitioner model," emphasizing solid grounding in theory as the basis for all activities involved in helping clients obtain mental health goals. The program culminates in a two-semester internship of 300 clock hours each in an approved setting.

The **Master of Science in Kinesiology and Wellness** is a professional degree designed to enhance graduate students' academic and professional background in the areas of health and exercise science. The 36-credit program consists of three components: Core requirements (18 credits) provide a foundation of research methods and exercise sciences; Specialty courses (12 – 15 credits) allow selection of classes that focus on specific career goals; and Research (3 – 6 credits) through either a thesis or final project requires each student to integrate concepts into inquiry.

The **Specialist in School Psychology**, a 72-semester-hour graduate program, has as its objective the training of professional school psychologists. It emphasizes field learning experiences including a year-long supervision in the school setting. Graduates of the program will qualify for certification as school psychologists and will develop proficiencies in placement, evaluation, diagnostics, remediation, and consultation skills to supplement the efforts of professional educators in meeting the needs of children in the public and private schools of the state and region.

For all policies and regulations pertaining to these graduate programs, see "GRADUATE STUDIES," this catalog.

GRADUATE STUDIES

WWW.LSUS.EDU/GRADUATE

FACULTY AND STAFF

Acting Dean:

Paul Sisson

ADM 249 797.5247

Graduate Program Directors

Business Administration:

William Bigler BE 329 797.5213

Computer Systems Technology:

Krishna Agarwal TC 249 795.4283

Counseling Psychology:

Meredith Nelson BE 350 797.5199

Education:

Julie Bergeron BE 384C 797.5033

Environmental Science:

Dalton Gossett SC 214 797.5085

Health Administration

John Fortenberry, Jr. BE 315 795.5129

Human Services Administration:

Helen Wise BH 119 797.5333

Kinesiology and Wellness:

Timothy Winter HPE 207A 797.5348

Liberal Arts:

Helen Taylor BH 218 797.5211

Public Health:

Rosevelt Jacobs HPE 219 797.5218

School Psychology:

Kevin Jones BE 359 797.5043

LSU Health Sciences Center MS Degrees:

Dalton Gossett SC 214 797.5085

PURPOSE AND ORGANIZATION

LSUS offers programs of graduate study to the student who holds a bachelor's degree from a regionally accredited college or university. The student may pursue the following degrees at LSUS:

COLLEGE OF ARTS AND SCIENCES

- Master of Arts in Liberal Arts (MLA)
- Master of Science in Computer Systems Technology (MSCST)
- Master of Science in Human Services Administration (MSHSA)

COLLEGE OF BUSINESS, EDUCATION AND HUMAN DEVELOPMENT

- Master of Business Administration (MBA)
- Master of Business Administration Executive Track
- Master of Education (MED)
- Master of Education in Curriculum and Instruction (MEDCI)
- Master of Education in Educational Leadership (MEDL)
- Master of Health Administration (MHA)
- Master of Public Health (MPH)
- Master of Science in Counseling Psychology (MSCP)
- Master of Science in Kinesiology and Wellness (MSKW)
- Specialist in School Psychology (SSP)

Cooperative Programs

Other graduate degrees may be pursued at LSUS in cooperation with another Louisiana university. For these programs, the cooperating university awards the degree. The following are cooperative programs offered on this campus:

- Master of Arts in English (cooperative with Louisiana Tech or with LSU Baton Rouge)
- Master of Science in Environmental Science (cooperative with LSU Baton Rouge)
- Master of Arts in History (cooperative with Louisiana Tech)
- Master of Science in:
 - Biochemistry and Molecular Biology
 - Cellular Biology and Anatomy
 - Microbiology and Immunology
 - Pharmacology and Therapeutics
 - Physiology and Biophysics
 (Cooperatives with LSU Health Sciences Center-Shreveport)

A student not interested in pursuing a graduate degree may enroll in graduate courses as a non-degree student, providing he/she received a minimum overall 2.5 grade point average at the time of completion of the undergraduate degree.

LSUS does not offer any graduate courses by correspondence or award graduate credit by examination.

The aim of graduate programs at LSUS is the promotion of scholarship that is thorough, creative, and independent in character. Members of the Graduate Faculty teach all courses offered for graduate credit.

Graduate study is much more than a continuation of undergraduate work. It provides students the opportunity to become investigators in special fields of learning, to broaden their professional and cultural background, and to improve their professional skills and competence. The true spirit of graduate study is one of inquiry and the desire to add to one's knowledge.

Graduate study is, therefore, open only to students whose academic records indicate the ability to perform at a high level of professional practice or to accomplish academic work that can be judged as outstanding in quality.

All graduate programs are administered by the Dean of Graduate Studies, who is advised by a Graduate Council composed of ten members elected from the Graduate Faculty of the University. Under general policies established by the University, the Graduate Council provides for, regulates, and authorizes graduate credit for existing courses, approves new courses, rules on questions of admissions and standards, and makes recommendations on other matters relating to the administration of all graduate programs.

ADMISSIONS TO GRADUATE STUDY

Graduates of colleges or universities accredited by the proper regional accrediting association may apply for admission to graduate study at LSUS. Admission is restricted to include only those students whose academic records indicate they can successfully undertake graduate work in the proposed area. Admission to graduate study at LSUS requires that all previously undertaken graduate work meets LSUS's academic standards.

Unconditional Admission: Graduate students must have a minimum 2.5 grade point average on the undergraduate degree (on a 4.0 scale) or a 2.75 grade point average (on a 4.0 scale) in the last 60 hours attempted in the degree program. In addition, a 3.0 grade point average (on a 4.0 scale) is required on any graduate work attempted. Students meeting these criteria will be unconditionally admitted to graduate study. Graduate students must be in satisfactory standing at the last institution attended and must submit satisfactory GRE or GMAT score.

Appeal: Any student not meeting these criteria but having a 2.00 to 2.24 undergraduate grade point average on a 4.0 scale may appeal through the appropriate graduate program director and dean for admission. A GMAT score of 550 or a combined GRE Score of 1000 must be attached to the appeal. Recommendations will be submitted to the Graduate Dean for final approval.

In general, only students formally admitted to graduate study are eligible to enroll in graduate courses. (See "Graduate Credit" under "GENERAL REGULATIONS.")

All applications and inquiries should be addressed to: Office of Admissions and Records, LSUS, One University Place, Shreveport, Louisiana 71115.

Admission Procedure: The student seeking to pursue graduate studies at LSUS should obtain appropriate graduate studies application forms from the Office of Admissions and Records and follow the applicable procedures listed below

Early Admission: An LSUS Computer Science or Computer Information Systems undergraduate student in his/her senior year who has at least a 3.0 UGPA may be admitted into the accelerated 5-year BS/MSCST program and may receive credit for 600-level graduate courses, six (6) hours of which may be counted towards both the undergraduate and the graduate degrees. The student must complete requirements for the undergraduate degree in consecutive regular semesters (see "Graduate Studies/General Regulations/Graduate Credit") and satisfy other admissions requirements (e.g. GRE) before enrolling in any 700-level courses.

***Graduate Record Examination (GRE), Educational Testing Service, Box 6000, Princeton, NJ 80541-6000 or Graduate Management Admission Test (GMAT) www.mba.com. Students may call the Prometric Testing Center (318.742.7349) to schedule an appointment to take the GRE by computer. Students are able to schedule the test within a couple of weeks and results of the test are known the same day.*

A. ALL GRADUATE APPLICANTS

1. A complete graduate application form and all supporting credentials must be sent Admissions and Records. This must be done by the deadline set by Graduate Studies:

Summer Semester - April 30

Fall Semester - June 30

Spring Semester: November 30.

Final admission decisions are made only after receipt of all credentials.

2. An official transcript must be sent directly to Admissions and Records by the registrar of each college and university attended, including both graduate and undergraduate work and showing all degrees previously awarded. The student who has attended institutions outside the United States should submit complete academic records to AACRAO for evaluation. (www.AACRAO.org), World Education Services, or Educational Credential Evaluators.

3. For students born after 1956, proof of immunization or immunity to measles, mumps and rubella must be provided to Admissions and Records prior to registration. This policy applies to all students entering LSUS for the first time and all students returning after an absence of one semester or more. Proof of tetanus/diphtheria immunization is also required. A copy of the Immunization Policy is provided with the admissions materials. A student may claim exemption from the immunization requirement for medical or personal reasons; however, the University will require the student to leave the campus and be excluded from class in the event of an outbreak of measles, mumps or rubella. Students claiming exemption will not be permitted back on campus or in class until the outbreak is over or until proof of adequate immunization has been submitted to the Admissions and Records Office.

4. Admission to Graduate Studies does not automatically admit an applicant to a degree program. Admission requirements to specific degree programs vary. (See “C. Individual program applicants.”)

B. INTERNATIONAL APPLICANTS

All international applicants must meet regular admission requirements. In addition, they must submit the following additional information:

1. If their native language is not English, they must submit a score of at least 550 on the paper administered test, 80 on the Internet-based version, or 213 on the computer-based version on the Test of English as a Foreign Language (TOEFL) unless a degree has been obtained from an accredited United States institution. Information for TOEFL is available from the Educational Testing Service, Box 6151, Princeton, NJ 08541-6151.

2. They must submit a signed financial resource statement prior to enrollment showing the source(s) of money (in U.S. dollars) available for each year of study in the United States.

3. If they have a degree from outside the United States, they must present authorized records -- transcripts, mark-sheets, certification of degrees --

showing a bachelor's degree or its equivalent with a grade point average equivalent to B or better (3.0 or above on a 4.00 scale) on all undergraduate work from accredited colleges and universities. Academic work completed from institutions outside the United States of America requires an English translated course-by-course evaluation from one of the following:

- AACROA
(www.aacrao.org/international/foreignEdCred.cfm),
- World Education Services (www.wes.org),
- Educational Credential Evaluators (www.ece.org)

4. They must submit satisfactory scores on the GRE or GMAT.

The University will admit no international students until it has received all credentials.

For information about additional requirements, contact LSUS Admissions at 318. 797.5061.

C. INDIVIDUAL PROGRAM REQUIREMENTS

COLLEGE OF ARTS AND SCIENCES

Master of Arts in Liberal Arts: A student entering the Master of Arts in Liberal Arts program must schedule an interview with the MLA Director and must submit a written statement of purpose that outlines educational goals and the ways in which the MLA program meets these goals.

Master of Science in Computer Systems Technology

- a. A student entering the Computer Systems Technology degree program must schedule an interview with the MSCST program director and must complete a separate program application form.
- b. The MSCST applicant must submit a score of 900 or better obtained by adding the verbal and quantitative portions of the GRE. The GRE must be taken prior to admission to the program.

For information on the 4+1 accelerated program for Computer Science and Computer Information Systems undergraduates seniors, see “*College of Arts and Sciences, 4+1 Program*” under Computer Science curricular.

Master of Science in Human Services Administration: A student entering the Human Services Administration degree program must (1) schedule an interview with the program Director, (2) submit an essay on why they wish to be in the program, (3) submit three letters of recommendation, and (4) take the GRE and submit a test score of at least 800.

**COLLEGE OF BUSINESS, EDUCATION AND HUMAN
DEVELOPMENT**

Master of Business Administration: A student entering the Master of Business Administration degree program must submit an official copy of the score report attained on the GMAT.

Master of Education: A student entering the M.Ed. program must submit a score of 800 or better obtained by adding the verbal and quantitative portions of the GRE, or a score of 700 with a 3.5 on the writing portion of the GRE. The GRE must be taken prior to admission.

The Master of Education in Curriculum and Instruction: A student entering the MEDCI program must submit a combined score of 800 on the verbal and quantitative portions of the GRE or a score of 700 with a 3.5 in writing on the GRE. The GRE must be taken prior to admission to the program.

Master of Educational Leadership: A student entering the MEDL program must submit an application to the Educational Leadership Program, a leadership profile, and two letters of recommendation. A personal interview is required and a score of 800 or better generated by adding the verbal and quantitative GRE scores or a 700 with a 3.5 in writing on the GRE. The GRE must be taken prior to admission.

Master of Health Administration: Acceptance into the MHA Program requires potential students to (1) complete the LSUS Application for Graduate Admission, complying with all applicable guidelines and standards; (2) submit official transcripts of all college work, demonstrating a minimum GPA of 3.0; (3) take either the GRE or GMAT and submit official test scores, reflecting at least a 900 (verbal score + quantitative score) on the Graduate Record Examination or a 450 on the Graduate Management Admissions Test; (4) prepare and submit a written letter detailing interest in health administration; and (5) arrange for three individuals to submit letters of recommendation.

Master of Public Health: Acceptance into the MPH program requires potential students to (1) complete the LSUS Application for Graduate Admission, complying with all applicable guidelines and standards; (2) submit a score of 1000 by adding the verbal and quantitative portions of the GRE; (3) submit a typewritten, personal narrative (2-3 pages) that is a professional statement that reflects your goals and objectives and how the program may help you reach our goals and three letters of recommendation; (4) a MPH Committee interview is required.

Master of Science in Counseling Psychology: To apply for admission to the Master of Science in Counseling

Psychology, applicants must complete and submit the LSUS Graduate Studies application along with transcripts to the Dean of Graduate Studies with duplicate copies sent to the Psychology Department. Applicants must abide by all graduate school application deadlines. Applicants must also submit to the MSCP Program Director: 1) at least two letters of reference; 2) official GRE scores of ≥ 800 (combined Verbal and Quantitative); 3) MSCP Program Application Form; and 4) statement of training objectives and professional goals. All material must be received prior to the MSCP program application deadlines (see posted dates on MSCP web-page for full program descriptions). An application is complete only when all required materials have been received. In addition, applicant's credentials should provide evidence of freedom from limitations that would jeopardize their success as a professional counselor. All necessary forms are available at the MSCP Program web site. Admission decisions are made by the MSCP Program Committee and are made on a competitive basis.

Master of Science in Kinesiology and Wellness: A student entering the MSKW Program must have completed a bachelor's degree in a related field or obtain special permission by the MSKW Graduate Faculty. The prospective student must also have submitted a combined score on the verbal and quantitative portions of the GRE of 800 or better and must have a minimum GPA of 3.0 on any graduate work to be transferred into the program. Finally, the prospect must have a GPA of at least 2.5 on undergraduate work or a minimum of 2.75 in the final 60 undergraduate hours taken. All GPA requirements are based on a 4.0 scale.

Specialist in School Psychology: A student entering the Specialist in School Psychology degree program must submit an official transcript of the scores earned on the aptitude portion of the GRE (V&Q). Scores required for admission to the program are at least 400 Verbal and 400 Quantitative or the two scores ≥ 800 . In addition, a student must also meet the general University requirements for admission. All applicants must have earned an overall undergraduate grade point average of at least 2.50.

D. COOPERATIVE PROGRAM APPLICANT

Master of Arts in English: Students interested in the cooperative program either with Louisiana Tech or with LSU Baton Rouge should apply through the English Department at LSUS.

Master of Arts in History: Applicants must be admitted by both the Department of History/Social

Sciences at LSUS and the Department of History at Louisiana Tech and must have a bachelor's degree from an accredited institution, GRE scores, and 21 hours of history at the undergraduate level. For further information, contact the Chair of either department.

Master of Science in Environmental Sciences: Students interested in the cooperative program with LSU in Baton Rouge should apply through the Biological Sciences Department at LSUS.

Master of Science with LSU Health Sciences Center-Shreveport: Students in this program must apply for admission to the Assistant Dean for Graduate Studies at LSU Health Science Center-Shreveport. GRE scores at or above the 50th percentile and a GPA of 2.5 are required.

E. THE TRANSIENT APPLICANT

1. A student pursuing a graduate degree program at another institution wishing to take courses at LSUS to be credited towards their degree program may be admitted for only one semester or summer semester without submitting full credentials. For such admission, the student may have the registrar of the last institution attended send to the Office of Admissions and Records a statement certifying the student's good standing in a graduate program. (See also "*Admission Classification*" below.)

2. A transient student desiring to enroll in graduate level courses for transfer credit offered through the College of Business, Education and Human Development must, in addition, submit a GMAT score and an official undergraduate grade point average that would meet unconditional admission requirements of LSUS.

ADMISSION CLASSIFICATION FOR GRADUATE DEGREE PROGRAMS

A prospective student who has earned a baccalaureate degree and plans to take additional work beyond the baccalaureate degree must apply for admission to graduate study and be admitted under one of the following classifications:

Regular

A prospective candidate for a degree who meets all requirements for unconditional admission to a graduate program and has been recommended by the department and college in which he/she proposes to study and whose admission has been approved by the Dean of Graduate Studies is classified as a regular degree student.

Preadmission

A prospective candidate for a degree who meets all requirements for unconditional admission to a graduate program with the exception of undergraduate prerequisite course or a final transcript is classified as a "preadmit" into the degree program. This classification can be used for one calendar year for completion of the prerequisite courses.

Classifications for Non-Degree Graduate Programs:

Non-degree: Admission in the non-degree category is restricted primarily to those persons who may benefit professionally from additional study at the graduate level. In general the only supportive material required for such admission is a valid transcript showing an appropriate background and confirming the awarding of at least a bachelor's degree with a minimum 2.5 overall grade point average.

A non-degree student is ineligible to become a candidate for an advanced degree or to receive a graduate appointment for financial assistance. Should the student subsequently wish to be admitted to a degree program, a formal application must be made and unconditional admission requirements must be met. A maximum of 9 semester hours of graduate credit earned while classified as non-degree may be applied toward the degree. Students in the Master of Business Administration program may not apply any credit earned while classified as non-degree. Students enrolled in Graduate Education classes may apply, towards their degree, only those courses taken during their first semester of enrollment as a non-matriculating student. This is not to exceed nine hours.

Transient: A student in good standing at another recognized graduate school who wishes to take work at LSUS may enroll as a transient student. In lieu of the usual transcripts and test scores, this student must submit a completed graduate application and certification of good standing in a recognized graduate school at another institution and state that he or she wishes to enroll at LSUS for a specified semester. A student is admitted under this classification for one semester only. The student must be readmitted under this classification each semester to be eligible for graduate courses.

GENERAL REGULATIONS

Course Loads

The following sections define maximum load requirements for graduate students.

Maximum Graduate Credits Per Semester: The maximum number of graduate credits in which a graduate student may enroll is 15 in a regular semester and 9 in a summer semester. The total number of graduate and undergraduate credits in which a graduate student may be enrolled at LSUS concurrently is 19 during a regular semester and 10 in a summer semester.

Credits per Semester for Full-time and Part-time Graduate Students: A full-time graduate student is one who is enrolled for 9 or more credits in a regular semester or 6 or more in a summer semester. A part-time graduate student is one who is enrolled in fewer than 9 credits in a regular semester or fewer than 6 credits in a summer semester.

For those who seek financial aid, full-time graduate status is defined as 6 or more hours for summer, and 9 or more hours for fall or spring semesters; half-time graduate status is 6-8 hours.

Education Graduate Students (MED, MEDCI, MEDL): A student in any of the graduate education programs who is teaching full-time may not enroll in more than 6 graduate credits without permission of the Dean of the College of Business, Education, and Human Development. With consent of the department, students may take a maximum of 12 hours during the summer terms providing the student is enrolled in no more than 6 hours of credit per month.

Transfer Credits

For the master's degree a maximum of 6 semester hours of graduate credit with grades of B or higher may be transferred from another regionally accredited institution with the approval of the graduate program director. The Graduate Council may grant permission to accept a greater number of transfer credits in individual cases. Graduate credits earned by extension from other universities, by examination, or by correspondence are not accepted. (See also "*Specialist in School Psychology, Advanced Standing Candidate.*")

Graduate Credit

All courses that may fulfill graduate degree requirements at LSUS are numbered 600 or 700.

Courses numbered 700+ are open to graduate students only, except as indicated. The student who has been admitted to the Graduate Program under the classification, Regular, Non-degree, or Transient may register for graduate courses.

A senior at LSUS who needs 30 or fewer semester hours to complete requirements for the bachelor's degree and has maintained a cumulative grade point average of at least 3.0 may be permitted to register for and receive graduate credit in courses, provided the student registers for and successfully completes in consecutive regular semesters all the remaining courses required for the bachelor's degree, and provided the students registers for no more than 15 semester hours total per semester that graduate course are taken. This privilege applies only during the final 30 hours of the student's undergraduate work and is extended only upon recommendation of the dean of the student's college and approval of the director of the graduate program involved. A student must successfully complete all undergraduate degree credit courses taken once graduate courses are begun in order to retain the privilege of obtaining graduate credit while still an undergraduate.

Superior undergraduate students may register earlier than their final 30 hours for graduate-level courses; however, these courses do not count for graduate credit. For undergraduate enrollment by students in 700-level graduate courses, the student must have earned at least 90 semester hours with a cumulative grade point average of 3.50 or higher. Approval by the dean of the student's college and the director of the graduate program involved is required.

Graduate credit courses in the School of Business are available to LSUS business undergraduates who have met all entrance requirements. (See also "Master of Business Administration.")

Six (6) hours of graduate credit may be counted towards both the BS degree and the MSCST degree for senior undergraduates who have been admitted into the accelerated 5-year program leading to the BS degree in Computer Sciences/Computer Information Systems, and the MSCST degree in Computer Systems Technology. (See also "Master of Science in Computer Systems Technology.")

GRADE REQUIREMENTS AND SCHOLASTIC REGULATIONS

Grade Requirements

In order to receive a master's or specialist's degree, a student must have at least a 3.0 cumulative grade point average on all graduate work attempted, whether at LSUS or elsewhere.

Those courses in which grades of P, NC, W or I are recorded are not included in determining the grade point average.

Scholastic Regulations: Grading System

- A** The grade of "A" has a value of four quality points per semester hour and indicates superior work in both quality and quantity.
- B** The grade of "B" has a value of three quality points per semester hour and indicates acceptable but undistinguished work.
- C** The grade of "C" has a value of two quality points per semester hour and indicates work of unsatisfactory quality and suggests that further graduate study may be unwise. (Not more than two course grades of "C" may be presented for a graduate degree.)
- D** The grade of "D" has a value of one quality point per semester hour and indicates unacceptable work and carries no graduate credit.
- F** The grade of "F" does not earn quality points. This grade is given for work failed.
- P** All graduate courses taken for credit toward a graduate degree must be taken for a grade, with the exception of the thesis option credits and a few designated internship-type courses. The awarding of a "P" ("B" or better) for thesis credits is decided by the graduate committee of the college offering the degree program, upon completion of the thesis.
- I** The "I" means "incomplete" and is given for work that is of passing quality but, which because of circumstances beyond the student's control, is not complete. An instructor may consider an "I" only with written authorization from the student's dean. It is the responsibility of the student to initiate the action. Unless the student completes the requirements for removal of an "I" within 60 days from the end of the semester in which it was received, the "I" will be converted to "F". If the student's circumstances preclude removal of the "I" by that time, the student or the instructor may, before the deadline, petition the dean for an extension of sixty days.

IP The "IP" means "in progress" and is assigned for thesis or final project work begun but still to be completed.

W The "W" is assigned when a student withdraws from a course or resigns within the allowable time (see the "ACADEMIC CALENDAR").

X The "X" means "audit" and indicates the student enrolled for no credit.

Repeated Courses: A graduate student may repeat any undergraduate or graduate course, with all attempts counting toward the student's GPA. ***The delete option is NOT APPLICABLE for ANY graduate course, to ANY graduate student, or to ANY student working towards another baccalaureate degree.***

Duplicated Courses (400/600 level): At the discretion of the program director, a student may be allowed to take a graduate course that essentially duplicates an undergraduate course but requires more rigorous coursework.

Probation and Ineligibility: A graduate student is expected to maintain a 3.0 cumulative grade point average. The cumulative grade point average includes all graduate work attempted. A graduate student who fails to earn a 3.0 grade point average in any semester, including summer semesters, will be placed on academic probation. A graduate student on academic probation must maintain a semester grade point average of 3.0 for each semester on probation with no course grades of "C" or below. Probationary status is removed when the student raises his or her cumulative grade point average to 3.0 or better. A graduate student who fails to correct his or her cumulative grade point average within two semesters will be dropped from the program.

In addition, a graduate student will be dropped from his or her program for the following reasons:

- Cumulative graduate grade point average falls below a 2.0;
- More than six credit hours with a grade of "C" or lower in all graduate work attempted;
- Three credit hours with a grade of "C" and three credit hours with a grade of "D" in all graduate work attempted; or
- A grade of "F" in a graduate course

Any graduate student dropped from a program for academic reasons will not be readmitted to graduate study in any program at the university.

Registration for Thesis

A student must register for thesis during each semester in which the thesis is under preparation and when college facilities and/or staff time are utilized. The letters IP will be recorded each semester for which a graduate student registers and makes satisfactory progress in the thesis course. The Registrar will record on each transcript that thesis credit for a graduate degree is limited to 6 semester hours, although the student may need to register for additional hours in order to complete the thesis.

Time Limit for Completing Degrees

All coursework credited toward the degree must have been begun no earlier than eight years prior to the completion of all of the degree requirements.

Extension of time may be granted only on conditions beyond control of the student. A formal request outlining the conditions upon which the extension of time is made should be addressed to the Dean of Graduate Studies.

Graduate Only Coursework

At least 50 percent of the courses applicable toward a degree must be numbered 700 or above.

Appeals of Final Grades Assigned in Course Restrictions:

1. The formal appeal of a final grade must be initiated by the student (see "A" below) within 30 days after the beginning of the next regular semester (i.e., fall or spring, exclusive of summer).
2. Appeals must be based clearly on alleged prejudice, bad faith, capricious action, or similar reasons. A low grade in itself is not the basis of an appeal, nor is the alleged difficulty of a course or test.
3. If an administrative officer (department chair, dean, Vice Chancellor for Academic Affairs) is the faculty member who assigned the grade which is appealed, that officer shall recuse himself or herself from the appellate process; his/her place in the procedure will be taken by a faculty member appointed *ad hoc* by the graduate officer, the Vice Chancellor for Academic Affairs, or the Chancellor, as appropriate.

Procedures:

A. A student who has a question about a final grade is encouraged to discuss the matter with the faculty member. The formal appeal process begins when the student presents a written and dated request that a faculty member reconsider a grade. The formal appeal is to be made on a Student Appeal Form, available in the

Office of Academic Affairs, which will contain the following information:

1. a statement of the actions complained of,
2. the relief requested,
3. a specific statement of the reasons supporting the relief sought.

The student should meet with the faculty member concerned to discuss the situation and attempt to arrive at a solution. The faculty member must respond within three working days; the response may be oral. (*Bona fide* clerical errors may be corrected at this stage by appropriate action.)

If the decision reached requires change in an official university record, the faculty member must comply with all university regulations and procedures necessary to accomplish the change.¹

B. If the matter is not resolved between the student and the faculty member, and the student wishes to pursue the appeal, he or she shall make a written request to the chair of the department in which the course is taught or to the graduate program coordinator if the course is not offered through a specific department, asking for a meeting of the chair, the faculty member, and himself or herself. The faculty member will provide the name of the appropriate chair.

The written request, which must be made within three working days after the action of the faculty member in Step A, should clearly state the purpose of the meeting and should indicate the faculty member's name. The request should be accompanied by a copy of the Graduate Student Appeal Form previously submitted in Step A.

The chair or program coordinator shall confer with the student and the faculty member, in an effort to reach a consensus (and may consult other instructors in the discipline). If a consensus is reached, then upon request of any of the three individuals, copies of the consensus will be made and initialed by all three, with each person retaining a copy. If the consensus reached requires change in an official university record, the department chair or program coordinator shall comply with all university regulations and procedures necessary to accomplish the change.

C. If a consensus is not reached, and if the student wishes to appeal further, then the student must appeal

¹ A change of grade is accomplished by filing a form provided for that purpose. A satisfactory reason for the change is academic appeal. The department chair or program coordinator and/or the student's dean (dean of the college in which the student is enrolled) may request documentation of the facts of the matter to facilitate any decision with respect to approval of the grade change.

within five working days to the dean of the college in which the course is offered.

The student's appeal must be in writing and must present the documents used in Steps A and B. The student may also request that an *ad hoc* committee be appointed to assist in reaching a decision.

Upon receipt of the appeal, the dean must promptly forward copies to the chair or program coordinator and faculty member concerned, who must promptly reply with individual written statements supporting their previous actions. Copies of the written replies must be forwarded to the student. The chair or program coordinator, the faculty member, or the student may request that an *ad hoc* committee be convened.

When the chair's or program coordinator's and faculty member's replies have been received, the dean will take the following action(s):

1. The dean will meet with the student, faculty member, and chair or program coordinator in an effort to reach a consensus. If the consensus is satisfactory to all concerned, then the appropriate person(s) will take whatever steps are necessary.
2. If the consensus is not satisfactory to the student, the faculty member or the chair or program coordinator, the dean will refer the appeal to an *ad hoc* committee appointed from within the college in which the course is taught. The committee will make its recommendations to the dean.

Ad hoc committees to consider grade appeals will be appointed by the dean and shall be composed of three members of the graduate faculty of that college, with no more than two from the same department, and two graduate students, who shall be voting members. The dean shall designate a chair for the panel. The panel shall hold a hearing with the chair, the faculty member, and the student.

After deliberation, the panel will make its recommendation in writing to the Dean. Copies of the recommendation and the dean's final decision must be given to all parties and to the student's dean. A copy shall be forwarded to Office of Graduate Studies. Regardless of the method used, the Dean must make his or her decision within 30 days from the date of the receipt of the student's appeal. The decision must be written, listing the reasons supporting the decision; copies must be given to all parties and to the student's dean. If the decision requires change in an official university record, the Dean shall comply with all

university regulations and procedures necessary to accomplish the change.²

D. If any party to the appeal believes that a serious procedural error in the appeal occurred or that there was an abuse of discretionary authority in reaching a decision, he or she may file with the Office of Academic Affairs a written petition for review.

This petition, which must be filed within five working days after receipt of the decision in Step C, must contain a complete statement of the alleged serious procedural error, or examples of abuses of discretionary authority complained of, and also must contain reasons for the relief sought. The petition must be accompanied by copies of all documents produced in the appeal. Copies should be sent to all parties to the appeal and to the student's dean.

The chief graduate officer shall decide within two weeks after receipt of the petition whether further action should be taken. In reaching this decision, he or she may ask other parties to the appeal to make written reply to the request for a review; or these parties, on their own, may make a written reply.

If the decision is reached that a review is not justified, the student and all other parties, including the student's dean, will be so notified.

If the chief graduate officer decides to respond favorably to the petition for review, he or she will hold a formal meeting with all parties and, based on discussions at this meeting, as well as on all written materials furnished him or her, will either remand the case to the dean's level or affirm the decision already made. Once a decision is reached, the chief graduate officer will notify all parties and the student's dean of his/her decision. If the decision requires change in an official university record, the chief graduate officer must comply with all university regulations and procedures necessary to accomplish the change.³ The decision of the chief graduate officer shall conclude the matter, subject to the right of the Vice Chancellor for Academic Affairs and the Chancellor to review the case.

² A change of grade is accomplished by filing a form provided for that purpose. A satisfactory reason for the change is academic appeal. The department chair or program coordinator and/or the student's dean (dean of the college in which the student is enrolled) may request documentation of the facts of the matter to facilitate any decision with respect to approval of the grade change.

³ A change of grade is accomplished by filing a form provided for that purpose. A satisfactory reason for the change is academic appeal. The department chair and/or the student's dean (dean of the college in which the student is enrolled) may request documentation of the facts of the matter to facilitate any decision with respect to approval of the grade change.

E. The Vice Chancellor for Academic Affairs will consider the case only on the basis of a petition for review following the procedure outlined in Step D above.

F. The Chancellor will consider the case only on the basis of a petition for review following the procedure outlined in Steps D and E above. At this level, the student may be accompanied by an advisor.

GRADUATION REQUIREMENTS

The student must meet all the requirements for a graduate degree outlined in one issue of the catalog. Any catalog in force during the student's residence at the University may be elected, provided the residence is continuous. If residence is interrupted for 12 consecutive months, the student may not elect a catalog earlier than the one in force at the time of reentry. No graduate degree, whether honorary or earned, shall be conferred except by vote of the Board of Supervisors upon recommendation of the University and the Graduate Faculty. Procedural requirements which must be completed by the student prior to graduation are as follows:

1. During the semester immediately prior to the semester or semester in which the degree is to be awarded, the candidate must ask the dean of the appropriate college to evaluate the candidate's academic record for compliance with degree requirements. The degree check-out form (available in the Deans office), signed by the dean and furnished to the candidate must then be presented to the Dean of Graduate Studies for approval. The candidate next must make application for a degree in Admissions and Records, giving the exact name that is to appear on the diploma.

2. The candidate must pay the graduation fee of \$30. A candidate who has previously paid a graduation fee but failed to graduate at the time expected must pay an additional fee of \$30.
3. At least three days prior to graduation, the candidate must clear any financial indebtedness to the University.
4. The candidate must participate in commencement ceremonies unless granted permission to receive his or her degree in absentia. The request for such permission, stating the extenuating circumstances, must be made in writing prior to graduation to the dean of the student's college.

Requirements for a Second Master's Degree

Students who wish to obtain a second master's degree from this University must meet all academic and residence requirements set by the Graduate Program and the department concerned. A maximum of six hours from the first degree may be applied toward the second, provided that at the beginning of the second degree the dean and director of the second master's degree approve the credits.

DEGREE PROGRAMS

COLLEGE OF ARTS AND SCIENCES:

MASTER OF ARTS IN LIBERAL ARTS

Admission Requirements

The Master of Arts program in Liberal Arts (MLA) is open to any qualified person holding a bachelor's or higher degree from an accredited institution and having an overall grade point average of 3.0 (B) or better in the last two years of undergraduate study. In view of the broad nature of the program, no specific undergraduate major is required.

For regular admission the applicant for the MLA program is required to write a statement of purpose that outlines the prospective student's educational goals and the ways in which the program meets these goals. The statement of purpose is read by a faculty admissions

committee and is thus an important step in the admissions process. The student must also schedule an interview with the MLA Director to discuss the suitability of the degree to the applicant's needs and strengths. The applicant is required to submit official transcripts of all post-secondary education.

The regular admission of any applicant to the Master of Arts in Liberal Arts degree program requires the recommendation of the MLA Director, the College of Arts and Sciences, and the approval of the Dean of Graduate Studies.

Course Requirements

As a full member of the Association of Graduate Liberal Studies Programs (AGLSP) LSUS adheres to AGLSP curricula guidelines. The Master of Arts in Liberal Arts offers the mature student a graduate program that is interdisciplinary in nature and nonprofessional in intent.

The program of 33 semester hours is composed of 9 semester hours in core seminar requirements, at least 18 hours in a minimum of two different liberal arts disciplines that will develop a theme consistent with the interdisciplinary goals of the program, and 6 semester hours of thesis or project credit. The student in consultation with the director designs the degree plan. While the courses for the 18-hour portion may be drawn from a variety of disciplines, the group of courses should reflect coherence and movement toward a goal upon which the student and the director have agreed.

At least one half of the total required credit must be in courses limited to graduate students only (700 level). Graduate credit earned more than eight years before the completion of the degree is not accepted. Up to 9 hours of graduate credit earned while the student was classified as non-degree may be used to satisfy degree requirements if approved by the dean of the college. If appropriate to the student's degree plan, as many as 6 semester hours may be taken outside the College of Arts and Sciences. The student may be expected to demonstrate a foreign language competency depending upon the nature of the plan.

***Note:** Only grades earned in courses applicable to the MLA may be used to determine continuation in the program or removal from probation.*

Thesis or Equivalent Final Project

The thesis or equivalent final project should demonstrate capacity for research, creative thought, and facility in organizing materials. It is designed to enhance the student's ability to integrate knowledge

from several fields of study. After consultation with his or her thesis Director, the student must secure the agreement of two additional members of the graduate faculty in Liberal Arts to serve as members of the thesis or project committee. These names are submitted to the MLA Director and forwarded to the Dean of the College.

Upon the completion of nine hours of core courses, the student may file the prospectus for the thesis or equivalent final project. The written prospectus must be approved by the student's committee before the student begins intensive work on the project itself and must be filed with the director. The committee must have ample opportunity to guide the thesis or equivalent final project as the student's work progresses. At least two of the members of the committee must approve the completed thesis or final project.

Instructions on the preparation and submission of the thesis or equivalent final project may be obtained from the College office or the MLA Director. Manuals are available in the University Bookstore.

Comprehensive Examination

For the Master of Arts degree in Liberal Arts, an oral comprehensive examination must be successfully completed. It will emphasize the thesis or equivalent project. The examination is normally taken in the semester or summer semester in which the candidate expects to receive the degree. The examination is administered by the three graduate faculty members in the College of Arts and Sciences who serve as the student's thesis or equivalent final project committee. If the degree candidate does not successfully complete the examination with a two-thirds vote, the examination committee may require the candidate to complete additional requirements prior to repeating the oral examination. A graduate student on academic probation may not sit for the comprehensive examination until that probation is removed.

MASTER OF ARTS IN LIBERAL ARTS

Total Hours: 33

Core Courses (The student shall select three.)	9 hours
Liberal Arts 791	3 hours
Liberal Arts 792	3 hours
Liberal Arts 793	3 hours
Liberal Arts 794	3 hours
Individual Program of Study	18 hours
The student shall choose 18 hours from a minimum of two different Liberal Arts disciplines that will reflect a theme consistent with the interdisciplinary goals of the program. Usually at least one course in the individual program is at the 700 level.	
Thesis or Equivalent Final Project	6 hours
Total	33 hours

MASTER OF SCIENCE IN COMPUTER SYSTEMS TECHNOLOGY

Overview

The Master of Science in Computer Systems Technology is an interdisciplinary program with components from the areas of computer science, mathematics, biology, and business. It is administered by the Computer Science Department within the College of Arts and Sciences. An interdisciplinary steering committee composed of faculty from the departments involved recommends policy and curriculum for the program. Contact the Director of the Master of Science in Computer Systems Technology program for more details 318.797.5093.

Entrance Requirements

The Master of Science in Computer Systems Technology assumes baccalaureate preparation has included courses in calculus and statistics. Further, a course in programming in a high-level computing language (such as Java or C++) is assumed. Prerequisite courses are held to a minimum. Students who possess an undergraduate degree in computer science will bypass CST 701 and CST 703 and substitute more advanced work. All applicants must have an admission interview before being allowed to enter the program. They must also take the Graduate Record Examination and achieve a combined score on the verbal and quantitative portions of at least 900 prior to full admission to the program.

Degree Requirements

This degree requires the successful completion of 30 semester hours of coursework which will include either a project or a thesis. At least half of the courses must be at the 700 level. Six hours of approved graduate courses may be transferred. All course pre-requisites must be met. The student must choose one of the three areas of concentration described below.

Early Admission

An LSUS Computer Science or Computer Information Systems undergraduate student in his/her junior or senior year who has at least a 3.0 UGPA may apply for admission to the accelerated 5-year BS/MSCT program and may receive credit for 600-level graduate courses, six (6) hours of which may count towards both the undergraduate and the graduate degrees. The student must complete requirements for the undergraduate degree in consecutive regular semesters (see "Graduate Studies/General Regulations/Graduate Credit") and must satisfy all graduate admissions requirements (e.g., GRE) for full admission to the graduate program before taking any graduate courses after receiving the BS degree or before enrolling in any 700-level courses.

COMPUTER SYSTEMS TECHNOLOGY CONCENTRATIONS AVAILABLE

Business Administration Concentration

Total Hours: 30

<i>Business Administration: Choose four courses (12 hours) from the School of Business</i>
MADM 701 – Organizational Behavior MADM 710 –Strategic Management of Human Capital MADM 720 –Business Communications FIN 701–Financial Management FIN 710 –Contemporary Investments ACCT 701 –Managerial Use of Accounting Data MKT 701 – Marketing Strategy
<i>Computer Science: Six courses (18 hours) from Computer Science</i>
<u>Required (12 hours)</u> CST 701 – Computer System Organization CST 703 – Data Models CST 707 –Data Modeling and Database Design CST 796 –Computer Systems Project (3 hours). May be co-supervised by a faculty member from the School of Business
<u>Electives (6 hours)</u> Recommended electives: CSC 625 – Database Implementation, CSC 635 – Programming with Internet Technologies, CSC 660 – Rapid Applications Development, CSC 680 – Software Engineering Concepts, CSC 668 – Data Mining, CSC 664 – Information Visualization, CST 711 – Informatics, or other approved electives

Biomedical Informatics Concentration

Total Hours: 30

<i>Biology</i>
BIOS 701 – Introduction to Molecular Biology I BIOS 703 – Introduction to Molecular Biology II
<i>Mathematics</i>
MATH – 710 - Statistics for Medical and Biological Applications

COMPUTER SYSTEMS TECHNOLOGY CONCENTRATIONS AVAILABLE

Computer Science: Seven courses (21 hours) from Computer Science

Required (15 or 18 hours)

CST 701 – Computer System Organization
 CST 703 – Data Models
 CST 707 – Data Modeling and Database Design
 CSC 666 – Introduction to Biomedical Informatics

Either

CST 797 – Biomedical Informatics Project (3 hours) or
 CST 799 – Thesis (6 hours) The project or the thesis may be co-supervised by a faculty member from the Department of Biological Sciences or from LSUHSC-S.

Electives (6 or 3 hours)

Recommended electives: CSC 668 – Data Mining, CSC 664 – Information Visualization, CST 711 – Informatics, or other approved electives

Computer Science Concentration

Total Hours: 30

Computer Science: Ten courses (30 hours) from Computer Science

Required (15 or 18 hours)

CST 701 – Computer System Organization
 CST 703 – Data Models
 CST 707 – Data Modeling and Database Design
 CSC 680 – Software Engineering Concepts (unless credit has already been given for CSC 480 or an equivalent course)
 CST 798 – Computer Science Project (3 or 6 hours)

Electives (15 or 12 hours)

Recommended electives: CSC 625 – Database Implementation, CSC 630 – Computer Networks, CSC 633 – Maintaining and Administering a Network Operating System, CSC 635 – Programming with Internet Technologies, CSC 650 – Computer Graphics, CSC 660 – Rapid Applications Development, CSC 668 – Data Mining, CSC 664 – Information Visualization, CSC 638 – Security, CST 717 – Decision Support Tools, CST 741 – Models in Decision Making, CST 711 – Informatics, or other approved electives.

MASTER OF SCIENCE IN HUMAN SERVICES ADMINISTRATION

Admission Requirements

To be considered for unconditional admission, applicants should present either evidence of a GRE score of 1000 (combined Verbal and Quantitative scores) or an overall GPA of at least 3.0. Applicants who demonstrate outstanding qualifications on other admission criteria may be admitted on a conditional basis with GRE scores over 800 and either an overall GPA of 2.50 or a GPA of 2.75 over the last 60 hours. All applicants are required to present GRE.

For regular admission to the MSHSA program the applicant is required to provide scores from the Graduate Record Exam (GRE), write a “Statement of Purpose” essay outlining the prospective student’s educational goals and the ways in which the program meets these goals, and provided three letters of recommendation from previous professors. This Statement of Purpose, the GRE scores, and letters of recommendation are submitted to the Program Director and are then read by a faculty admissions committee. In addition the prospective student must also schedule an interview with the MSHSA Director to discuss the suitability of the degree to the applicant’s needs and strengths. A student who has not gained regular status in the program after two semesters may be placed in non-matriculated status. An applicant may be granted provisional admission to the degree program and pursue work toward the degree provided they are accepted into the graduate studies program at the university.

Provisional admission to the program may also be granted to an applicant whose upper-division grade point average (last two years) was less than 3.0. Such a student is admitted on the condition that the student attains a 3.0 or better in the first six hours of course work. Failure to achieve this minimum requirement can result in the student being dropped from the program. An applicant with an undergraduate grade point average less than 3.0 who holds a graduate or professional degree or who has demonstrated success in business, professional, or community work may be admitted as a provisional student. Such a student may be considered for regular status on completion of 9 credits with a 3.0 or higher average in the program.

The regular admission of any applicant to the Master of Science in Human Services Administration requires the recommendation of the MSHSA Director, the Dean of the College of Arts and Sciences, and the approval of the Dean of Graduate Studies.

Course Requirements

The program of 33 semester hours includes nine required courses, and the option of the Non-profit Administrations Track or the Development Track. The current curriculum and courses are specifically designed to prepare students for middle and upper level administrative positions in nonprofit human service organizations and cover areas such as human resource management, financial administration and resource development, and data administration. Students with strong backgrounds in any of the required courses may take an exemption examination which, if successful, will allow the student to take an elective course in place of the required course. Each student will work out a curriculum with the Director of the MSHSA program.

Note: Only grades earned in courses applicable to the MSHSA may be used to determine continuation in the program or removal from probation.

Directed Final Project

This component of the MSHSA curriculum is part of the Non-profit Administration Track and is designed to prepare the student for a lifetime of skilled practice based on current research, theory and practice. The directed final project is completed in one semester. The student in consultation with the project advisor determines the nature of the project. Instructions regarding the preparation and submission of the project are in the MSHSA Handbook. All projects are presented at a public forum at the end of the semester in which the project is done.

MASTER OF SCIENCE IN HUMAN SERVICES ADMINISTRATION

Total Hours: 33

<u>Basic Core Courses</u>	<i>Hours</i>
Sociology 620	3 hours
Human Services Administration 702	3 hours
Human Services Administration 703	3 hours
Human Services Administration 706	3 hours
Human Services Administration 708	3 hours
Human Services Administration 710	3 hours
Human Services Administration 734	3 hours
Human Services Administration 761	3 hours
Human Services Administration 762	3 hours
<u>Nonprofit Administration Track</u>	
Human Service Administration 780	3 hours
Human Service Administration 799	3 hours
<u>Development Track</u>	
Human Services Administration 763	3 hours
Human Services Administration 764	3 hours

COLLEGE OF BUSINESS, EDUCATION AND HUMAN DEVELOPMENT:

MASTER OF BUSINESS ADMINISTRATION

Admission Procedures

To be considered for regular admission to the Master of Business Administration (MBA) degree program, all applicants must

- a. submit a graduate application for admission to the Office of Admissions and Records; and
- b. submit copies of all transcripts or prior undergraduate and graduate coursework to the Office of Admissions and records.

Applicants to the traditional MBA program must also

- a. submit a score from the Graduate Management Admission Test (GMAT) to the MBA Program Director. The score must be no older than eight years; and
- b. exhibit promise for success in graduate work through achievement of a composite score of 1,000 or higher based on overall undergraduate grade point average (GPA) times 200 plus the GMAT score. The minimum GMAT score for admission is 450.

To be admitted into the Executive Track MBA (ET MBA), applicants must have at least five years of quality professional or managerial work experience in which they demonstrated leadership to produce planned results in a key project, business unit, company, or other kind of organization. In lieu of the GMAT score, the ET MBA Admissions Committee will conduct an interview with each applicant.

No graduate student may enroll in a 600- or 700-level MBA course for graduate credit unless all conditions for regular admission are satisfied.

General Recommendations

The student should be aware of the following procedures and rules in the School of Business in order to ensure proper pursuit of the MBA degree:

Admission Status: The student who has a baccalaureate degree and intends to pursue an MBA should register as a graduate student. A student should maintain graduate status throughout the undergraduate foundation work and the graduate coursework. Graduate status will ensure that a student receives proper advising in order to maintain progress through the MBA program.

Catalog: If a student withdraws from the program for more than two regular semesters, he/she must re-enter under the catalog in effect at the time of reentry.

Course Sequence: The MBA program requires that certain courses be taken in sequence. Students need to have taken the GMAT and achieved unconditional admission before they may enroll in 600- or 700-level coursework for graduate credit.

Computer Literacy: A student entering the MBA program is expected to be competent in the use of word processing, spreadsheet applications, presentation software and database management tools. Classes in these areas, if needed, may be taken through the School of Business (ISDS 150) or through the Division of Continuing Education at LSUS.

Graduate Electives: The MBA program allows for six hours of electives. These courses permit the student to study an area in greater depth, such as finance, accounting, human resource management, marketing, or ISDS. Graduate elective courses offered in schools other than Business may be approved for a maximum credit of three hours. All 600-level courses require additional work of graduate students; these 600-level courses are offered concurrently at the undergraduate 400-level.

Independent Study: If a student wishes to enroll in an independent study, he/she must present a written proposal, developed under the direction of a faculty sponsor, to the chair of the faculty sponsor's department for approval. The proposal and signed approval form must be filed with the student's records. A student is limited to one independent study at the graduate level.

Probation and Suspension Policy

A. An MBA student will be placed on academic probation at such time as his or her grade point average with respect to all graduate coursework⁴ attempted during any regular semester or summer semester is less than 3.0.

B. An MBA student who has been placed on academic probation will be removed from probationary status at such time as he or she satisfies each of the following conditions:

1. Maintains a grade point average of not less than 3.0 with respect to all graduate course work attempted during the first two regular semesters and the first

⁴“Graduate course work” in this document is defined as any core or elective course in the MBA program; this policy does not pertain to foundation courses.

summer semester in which such student registers after being placed on academic probation;

2. Earns no grade of "C" or below on any graduate course work attempted during the period described in section 1 of this paragraph B; and
 3. Upon the completion of the period described in section 1 of this paragraph B, has an overall grade point average with respect to all graduate course work attempted as a graduate student of not less than 3.0.
- C. A graduate student will not receive a degree and will be dropped from the MBA Program at the first of such time as he or she:
1. Fails to be removed from probationary status within the time period specified in paragraph B, above;
 2. Is placed on academic probation for the second time;
 3. Receives a grade of "D" or "F" in any course; or
 4. Receives a third grade of "C."

D. A student who is dropped from the program will be permitted to continue in the MBA program only after approval is given by the Graduate Studies Committee. To seek such approval, the student must submit a written appeal to the Graduate Studies Committee; the Committee must receive the appeal at least one week prior to the day of regular registration for the semester following the one in which the student was dropped from the program.

Time Limit: A student has eight years to complete the MBA degree starting when he/she begins graduate-level coursework. If the student does not meet the time limit requirement before graduate courses are completed, he/she must reenter under the catalog in effect at the time of reentry or obtain approval from the Graduate Studies Committee, the Dean of the College of Business, Education and Human Development and Graduate Council to extend the time limit.

Transfer Credits: A maximum of 6 semester hours of graduate credit with grades of B or higher may be transferred from another AACSB International accredited institution, with the approval of the MBA Program Manager. If the student wishes to transfer credit earned while he or she is enrolled in the LSUS

MBA Program, approval prior to enrolling in the course to be transferred must be obtained from the MBA Program Manager. Students must submit to the MBA Program Manager a catalog description and syllabus for a course before it can be approved for transfer credit. Graduate credits earned more than eight years before the completion of the MBA degree cannot be transferred. Graduate credits earned during any semester or semester in which the student was classified as non-degree may not be used to satisfy degree requirements. Transfer credit for MADM 760 is not allowed.

Course Requirements

The Master of Business Administration degree program consists of two parts: foundation courses and graduate courses.

Foundation courses prepare students for the advanced material taught in the graduate courses. Students with non-business undergraduate degrees usually need to complete 24 semester hours of foundation coursework. A student may demonstrate foundation knowledge through satisfactory scores on CLEP tests. The MBA Program Manager will evaluate a student's previous coursework to determine the foundation courses needed.

Students with undergraduate business degrees might need foundation coursework if their undergraduate programs did not include certain courses. Because some foundation courses have prerequisites, they need to be taken in sequence.

Students who have a baccalaureate degree and take undergraduate foundation courses must earn at least a C in those courses. All foundation coursework may be taken on a Pass/No Credit basis.

Graduate courses include 8 required and 2 elective courses. These courses are listed below. The previous section, "*General Recommendations*," contains information about course sequence, the mathematics requirement, and electives. Because the MBA degree is an advanced degree that provides students with the knowledge and skills needed in a variety of business careers, the program is a balance of quantitative and non-quantitative courses.

FOUNDATION COURSES

Total Hours: 24

Courses	Hours
Accounting 285*	3 hours
Business Law 280	3 hours
Economics 285*	3 hours
Finance 301	3 hours
Information Systems/Decision Sciences 350	3 hours
Management 301	3 hours
Marketing 301	3 hours
Math 260	3 hours

*NOTE For the MBA with Executive Track ACCT 285 must be taken in the fall semester; and ECON 285 must be taken in the Spring semester.

MASTER OF BUSINESS ADMINISTRATION

Total Hours: 30

NOTE: Students are expected to be proficient in word processing, spreadsheet and database management software tools.

Courses	Hours
Accounting 701**	3 hours
Economics 705*	3 hours
Finance 701	3 hours
Information Systems/Decision Sciences 702*	3 hours
Management 701**	3 hours
Management 720	3 hours
Management 760	3 hours
Marketing 701	3 hours
Electives	6 hours

NOTE: For the MBA with Executive Track - *ECON 705 and ISDS 702 must be taken in the fall semesters;

**ACCT 701 and MKT 701 must be taken in the spring only.

MASTER OF BUSINESS ADMINISTRATION

EXECUTIVE TRACK

In addition to the Foundation Courses and the MBA course the following additional courses are needed for the Executive Track MBA.

Courses	Hours
BADM 791	1 HR.
BADM 792	1 HR.
BADM 793	1 HR.
BADM 794	1 HR.
BADM 796	1 HR.
BADM 797	1 HR.
BADM: 798	1 HR.

MASTER OF EDUCATION

Admission Requirements

In addition to general university requirements for admission to graduate studies, all applicants to the Master of Education degree program must submit an acceptable GRE score prior to admission. A score of 800 or better obtained by adding the verbal and quantitative portions of the GRE or score a 700 with a 3.5 on the writing portion of the GRE is required.

Program Requirements

The Master of Education degree program of 36 hours is composed of at least 9 hours in educational and psychological foundations, 21-24 hours in a selected specialty area with at least 12 hours in one area, and 3 hours in a Master's Project. Specific courses within these categories are selected by the candidate in

consultation with the candidate's graduate advisor and the Program Director.

Transfer Students

Candidates seeking the Master of Education degree at LSUS may transfer up to six of the necessary hours provided that (1) the final fifty per cent be in residence at LSUS, (2) the transferred credit be at the level of B or better and from a regionally accredited institution, and (3) the transferred credit be approved by the graduate Program Director and the faculty members whose expertise is in courses under review for transfer credit. Educational Research and Specialty area courses must be completed at LSUS.

Program of Study

Applicants for admission to the Master of Education degree program must file a Program of Study in the

office of the Director of the graduate programs in the Department of Education as a condition for Regular Admission. The Program of Study is developed with the advice and approval of the candidate's graduate advisor and the Program Director.

In order for courses to be counted toward degree requirements, they must be included in the candidate's approved program. All requests for program changes must be made to and formally approved by the candidate's graduate advisor. Program changes are not official until approved by the Program Director.

Research Component

The research component in the Master of Education degree program is designed to prepare the professional

education candidate for a lifetime of skilled practice based on current research, theory, and practice. The candidate will complete a 3-hour Master's Project in one semester. The nature of the project is determined by the candidate in consultation with their graduate advisor and the instructor of ED 798.

Master's Project

All candidates will present orally the results of the Master's Project. The presentation provides an opportunity for candidates to present formally the results of their research and offers others an opportunity to honor the Master of Education degree graduates.

MASTER OF EDUCATION

Total Hours: 36

<u>Core Curriculum</u>		9 Hours
	ED 704: Foundations of Educational Research *	3 hours
	ED 705 - Philosophy of Education OR ED 720 - Curriculum	3 hours
	PSYC 706 - Principles and Theories of Learning OR if Counseling Major PSYC 709 - Advanced Human Development	3 hours
<u>Specialty Areas</u>		24 Hours
Eight graduate level courses are selected in the area of concentration. These courses may be used toward additional endorsements on the teaching certificate. Prior approval is required		
<u>Research</u>		3 Hours
	ED 798 - Master's Project	3 hrs.

* ED 260 Basic Statistics or equivalent is a prerequisite for ED 704

MASTER OF EDUCATION IN CURRICULUM AND INSTRUCTION

Admission Requirements

In addition to general university requirements for admission to graduate studies, all applicants to the Master of Education in Curriculum and Instruction (MEDCI) degree program must submit an acceptable GRE score prior to admission. A score of 800 or better obtained by adding the verbal and quantitative portions of the GRE or score a 700 with a 3.5 on the writing portion of the GRE is required.

Program Requirements

The MEDCI degree program of 36-39 hours is composed of at least 15 hours in educational and psychological foundations, 18 hours in a selected specialty area, and 3-6 hours in a Master's Project or Thesis.

Transfer Students

Candidates seeking the MEDCI degree at LSUS may transfer up to six of the necessary hours provided that (1) the final fifty per cent be in residence at LSUS, (2) the transferred credit be at the level of B or better and from a regionally accredited institution, and (3) the

transferred credit be approved by the graduate Program Director and the faculty members whose expertise is in courses under review for transfer credit. Educational Research and Specialty area courses must be taken at LSUS.

Program of Study

Applicants for admission to the MEDCI degree program must file a Program of Study in the office of the Director of the graduate programs in the Department of Education as a condition for Regular Admission. If the candidate elects to complete the Master's Thesis, the Program of Study is developed with the advice of the candidate's graduate advisor and concurrence of the candidate's advisory committee. The three-person thesis advisory committee will be selected by the candidate in consultation with the candidate's graduate advisor and shall consist of the candidate's graduate advisor and two other faculty members, both of whom could be from the Department of Education or both from outside the Department of Education or a combination of one member from the Department of Education and one member from outside the Department of Education.

Candidates completing the Master's Project have their Program of Study developed with the advice and approval of the candidate's graduate advisor. All Programs of Study are to be approved by the Program Director.

In order for courses to be counted toward degree requirements, they must be included in the candidate's approved program. All requests for program changes must be made to and formally approved by the candidate's graduate advisor and advisory committee (if thesis candidate). Program changes are not official until approved by the Program Director.

Research Component

The research component in the MEDCI degree program is designed to prepare the professional education candidate for a lifetime of skilled practice based on current research, theory, and practice. The candidate

may elect to complete a 3-hour Master's Project or a 6-hour Master's Thesis. The Master's Project is completed in one semester. The nature of the project is determined by candidates in consultation with their graduate advisor and the instructor of ED 798. The Master's Thesis consists of 6 hours and is completed in two semesters. The nature of the thesis is determined by the candidates in consultation with their graduate advisor and with the approval of the thesis committee.

Master's Project and Thesis Presentation

All candidates will present orally the results of the Master's Project or Thesis. The presentation is open to faculty, staff, family, and friends of the graduates. The presentation provides an opportunity for candidates to present formally the results of their research and offers others an opportunity to honor the MEDCI degree graduates.

MASTER OF EDUCATION CURRICULUM AND INSTRUCTION IN GIFTED EDUCATION

Total Hours: 36 (39 hours if Thesis option is selected)

Prerequisite for ED 704		
Course		Hours
ED 260	Basic Statistics	3
Foundation Courses		15 hrs
ED 704	Educational Research	3
ED 720	Curriculum	3
PSYC 706	Theory/Learning	3
ED 780	Educational Technology Applied to the Classroom	3
EDL 700	Creating a Professional Learning Community	3
Concentration/Specialty		18 hrs.
ED 763	Teaching for Social/Emotional Development of the Gifted	3
ED 764	Characteristics/Study of Gifted Individuals	3
ED 765	Methods of Teaching the Gifted	3
ED 766	Curriculum Development for the Gifted	3
ED 773	Developing Creative Thought in Gifted Learners	3
ED 777*	Practicum	3
*The practicum is not required if you have documentation of three years of successfully teaching academically gifted classes. If this is the case, and additional education elective is required. Electives must be approved prior to enrollment in the course.		
Research (chose one)		3 – 6 hours
ED 798	Final Project	3
ED 799	Thesis Candidates wishing to complete a thesis will graduate with 39 hours	6

MASTER OF EDUCATION CURRICULUM AND INSTRUCTION IN READING

Total Hours: 36 (39 hours if Thesis option is selected)

Foundation Courses		15 Hours
ED 704	Foundations of Educational Research*	3
ED 720	Curriculum	3
PSYC 706	Theories of Learning	3
ED 780	Educational Technology Applied to the Classroom	3
EDL 700	Creating a Professional Learning Community	3
Concentration/Specialty		18 hours
ED 740	Foundations of Reading	3
ED 741	Reading Assessment	3
ED 743	Reading Practicum	3
ED 744	Content Area Reading	3
ED 745	Seminar in Research Literature in Reading and Literacy	3
ED 746	Literacy Coach	3

**MASTER OF EDUCATION
CURRICULUM AND INSTRUCTION IN GIFTED EDUCATION**
Total Hours: 36 (39 hours if Thesis option is selected)

Research (chose one)		3 - 6 hours
ED 798	Master's Project	3
ED 799	Thesis Candidates wishing to complete a thesis will graduate with 39 hours	6

* ED 260: Basic Statistics or equivalent is a prerequisite for ED 704.e

MASTER OF EDUCATION IN EDUCATIONAL LEADERSHIP

Admission Requirements

In addition to general university requirements for admission to graduate studies, all applicants to the Master of Educational Leadership degree program must meet all the following requirements:

Regular Admission:

- a. 2.5 or better GPA on the undergraduate degree; 3.0 or better GPA on any graduate work attempted from an accredited college or university;
- b. Application to the Educational Leadership Preparation Program, including Leadership Profile;
- c. Two letters of recommendation;
- d. Personal interview;
- e. Graduate Record Examination (GRE)—800 verbal and quantitative GRE scores or a 700 with a 3.5 on the writing portion of the GRE;
- f. Teacher certification (Three years of teaching experience is preferred.); and
- g. Program of Study filed during the first semester enrolled.

For application and more information, please visit:
www.lsus.edu/ehd/ed/graduate.asp

Program Description

The *Master of Education in Educational Leadership* is a performance-based program designed for those aspiring to school principalship and other areas of supervision. Candidates can fulfill the requirements for a Master of Education degree and Educational Leader I certification within the 36-hour program. Successful completion of selected courses can be used for the Teacher Leader Endorsement.

The *Alternative Path to Educational Leadership* is designed for individuals who have already earned a Master's Degree from an accredited institution but want to obtain additional certification in educational leadership. Previous coursework will be assessed and an individual program of study will be outlined for each candidate. Candidates must satisfy the same screening and selection process as other applicants.

Transfer Students

Candidates seeking the MEDL degree at LSUS may transfer up to 6 hours of the necessary coursework provided the final fifty percent is taken at LSUS. The courses must be from a regionally accredited institution, with earned grades of B or better, and approved by the graduate program director and the faculty member whose expertise is in courses under review for transfer credit. Research methods must be taken at LSUS unless candidate holds a Masters degree.

Portfolio and Field Experiences

During the program, each candidate must develop a portfolio demonstrating competency based on state and national standards encompassing knowledge, skills, and dispositions.

Candidates are expected to complete a minimum of 400 hours of documented field experiences. Candidates will complete 200 hours throughout their coursework. A 200-hour internship is required at the end of the program. Each candidate will complete the internship under the guidance of a mentor administrator and university supervisor.

MASTER OF EDUCATION IN EDUCATIONAL LEADERSHIP
Total Hours: 36

Course Number	Course Title	Course Credit
ED 260	Basic Statistics (Prerequisite for ED 704)	3 cr.
ED 704	Foundations of Educational Research*	3 cr.
ED 720	Curriculum	3 cr.
ED 785	Technology Leadership in Schools	3 cr.
EDL 700	Creating a Professional Learning Community	3 cr.
EDL 701	Leading with Vision	3 cr.
EDL 702	Legal and Ethical Issues in Education	3 cr.
EDL 707	Utilizing Data for School Improvement	3 cr.
EDL 710	Leading Instruction and Assessment	3 cr.
EDL 711	Funding Public Education	3 cr.
EDL 712	Facilitating Human Resource Development and Empowerment	3 cr.

MASTER OF EDUCATION IN EDUCATIONAL LEADERSHIP

Total Hours: 36

Course Number	Course Title	Course Credit
EDL 713	Mobilizing the Community	3 cr.
EDL 715	Internship in Educational Leadership	3 cr.
EDL 775	Educational Leadership Assessment (pass/no credit)	0 cr.

*ED 760: Basic Statistics is a prerequisite for ED 704

MASTER OF HEALTH ADMINISTRATION

About the Program

The Master of Health Administration (MHA) Program at Louisiana State University in Shreveport requires that students complete a series of courses consisting of 30 credit hours. Three foundation courses are required prior to beginning the Program: ACCT 285, ECON 285, and MADM 210 or their equivalents.

Admissions Requirements

Acceptance into the MHA Program requires potential students to (1) complete the LSUS Application for Graduate Admission, complying with all applicable guidelines and standards; (2) submit official transcripts of all college work, demonstrating a minimum GPA of 3.0; (3) take either the GRE or GMAT and submit official test scores, reflecting at least a 900 (verbal score + quantitative score) on the Graduate Record Examination or a 450 on the Graduate Management Admissions Test; (4) prepare and submit a letter detailing interest in health administration; and (5) arrange for three individuals to submit letters of recommendation.

Admissions deadlines are as follows: Fall admission—June 30, Spring admission—November 30, Summer admission—April 30. Please note that, in order to be considered for a given semester, *all* materials identified in Items 1-5 must be received by the applicable deadline.

Career Opportunities

The Master of Health Administration prepares students for professional middle- and upper-level management positions within healthcare institutions. Such institutions include hospitals and medical centers, medical group practices, pharmaceutical firms, medical technology corporations, health insurance companies, government and nonprofit health agencies, nursing homes and assisted living centers, and home health agencies.

Within each of these institutions, critical administrative functions must be carried out on an ongoing basis, providing significant opportunities for current and future healthcare administrators. Whether you aspire to become the administrator of a medical group, the director of human resources at a long semester care center, the sales manager of a pharmaceutical manufacturer or a health insurance company, or the chief executive officer of a medical center, the Master of Health Administration at LSUS can assist you in accomplishing your goal.

The degree is also quite useful for experienced healthcare executives seeking to further develop their administrative knowledge, skills, and abilities to enhance their contributions to the healthcare industry.

Master of Health Administration

Total Hours: 30

Course Number	Course Title	Credit
ACCT 285*	Accounting Concepts	3 hours
ECON 285*	Foundations of Economics	3 hours
MADM 210*	Business Communications	3 hours
HCAD 701	Healthcare Organizational Behavior	3 hours
HCAD 710	Healthcare Human Resource Management	3 hours
HCAD 730	Healthcare Systems	3 hours
HCAD 731	Healthcare Law and Ethics	3 hours
HCAD 740	Healthcare Marketing	3 hours
HCAD 750	Healthcare Informatics	3 hours
HCAD 760	Healthcare Finance	3 hours
HCAD 770	Healthcare Economics	3 hours
HCAD 780	Healthcare Policy	3 hours
HCAD 790	Healthcare Strategic Management	3 hours

*Foundation courses

MASTER OF PUBLIC HEALTH

Overview

The Master of Public Health Degree Programs is offered by Louisiana State University Shreveport (LSUS) and the Louisiana State University Health Science Shreveport (LSUHSC) and includes 48 credit hours. The curriculum is specifically designed to prepare public health graduate students for careers in a public health setting. All students complete a five course core (15 credit hours) that addresses the five areas of core knowledge identified by the Council of Education for Public Health (CEPH) as essential for all MPH students to demonstrate. An additional 21 credit hours in public health related courses are also completed. The last phase of the program consists of a practicum (3 credit hours) which students are required to complete 200 hours of practicum experience and produce a structured report that describes, analyzes; and critiques the experience. Students have the option of completing a MPH Capstone project (3 credit hours) or Master's thesis (6 credit hours). Students who choose the MPH Capstone project will complete an additional six credits of electives. Students who choose to complete a thesis may waive one elective. In both the practicum and culminating experiences, students are under the supervision and guidance of faculty and field based practitioners.

Admission Requirements

Students initially apply to LSUS for admission to the program. In addition to the general university requirements for admission to graduate studies, as outlined in the university catalog, an applicant for admission to the Master of Public Health Degree program must meet the following requirements for unconditional admission:

- Have earned a Baccalaureate Degree from an accredited university or college and provide official transcripts from all undergraduate and graduate institutions
- Provide a GRE or MCAT test score taken within last five years (applicants with M.D. or Ph.D. in a health related discipline in the U.S. do not have to take the GRE).
- Students must have a GRE score of at least 1000 on

- the combined verbal and quantitative portions
- Scores of 550 or better on the written version, or 213 or better on the computer-based version, of the Test of English as a Foreign Language (TOEFL) for international applicants. International students whose native language is English or who have attended a college or university in the United States for at least one year are not required to submit TOEFL scores, but must have acceptable scores on the General Test section of the GRE. International students who do not have suitable scores on the TOEFL and the verbal section of the GRE must write a brief essay. If the essay does not evidence the skills necessary for graduate-level work, the essay will serve as a placement tool into a scholarly writing course that will not be counted toward a graduate degree. Students must pass this course to continue in the program.
 - Submit three letters of recommendation.
 - Submit a typewritten, personal narrative (2-3 pages) that is a professional statement consistent with the mission of the program.
 - A personal interview is required.
 - Fall admissions deadline is June 30

Career Opportunities

The Master of Public Health prepares students for positions in local, state, federal, and nongovernmental health agencies, health services, community health organizations, research institutions, and academic institutions.

Grade Policy

A GPA of 3.0 or higher is required for graduation from the Master of Public Health program. Students are expected to maintain a 3.0 GPA throughout the program.

Transfer Credit

A maximum of 6 credit hours may be accepted for transfer into the program by prior approval of the MPH Director.

MASTER OF PUBLIC HEALTH

Total Hours: 48

FIRST YEAR					
<i>Fall Semester</i>	<i>Sem. Hrs.</i>	<i>Spring Semester</i>	<i>Sem. Hrs.</i>	<i>Summer Semester</i>	<i>Sem. Hrs.</i>
PUBH 701	3	PUBH 721	3	PUBH elective	3
PUBH 708	3	PUBH 713	3	PUBH 702	3
PUBH 709	3	PUBH 712	3		6
	9		9		

MASTER OF PUBLIC HEALTH

Total Hours: 48

SECOND YEAR					
<u>Fall Semester</u>	<u>Sem. Hrs.</u>	<u>Spring Semester</u>	<u>Sem. Hrs.</u>	<u>Summer Semester</u>	<u>Sem. Hrs.</u>
PUBH 706	3	PUBH 703	3	PUBH 780	3
PUBH 710	3	PUBH 704	3	PUBH 781 or 799	3
PUBH 707	3	PUBH Elective or 798	3		6
	9		9		

Electives (6 hours required): PUBH 717, PUBH 718, PUBH 719, PUBH 714, PUBH 705, or PUBH 720

Prerequisites: 712, 780, 781, and 798

MASTER OF SCIENCE IN COUNSELING PSYCHOLOGY

Course Requirements

The Master of Science in Counseling Psychology (MSCP) degree is a 48-semester-hour graduate program which has as its objective the training of professional counselors. This curriculum is specifically designed to meet the academic requirements of the current Louisiana state licensing act for Licensed Professional Counselors, which requires a 48-hour master's degree in counseling including eight specific curricular areas. Accordingly, there is a core of six courses (18 semester hours) that provides a basis for further study emphasizing increasing theoretical knowledge and practical application skills in a variety of counseling specialty areas. The 10 courses (30 semester hours) devoted to theory and applications include a 100-clock-hour practicum and two semesters, 300 clock hours each, of internship experience. In the practicum and internship experiences, students are under the guidance and supervision of both University-based faculty and field-based practitioners.

Admission Procedures

The MSCP program publishes a student handbook which provides guidelines and requirements beyond the minimum requirements of the graduate school shown in this catalog, and success in the program must be consistent with the MSCP program handbook requirements.

In addition, all students need to understand that since this program is a professional training program and much of the professional training occurs during practicum and internship courses near the end of the program, no student is permitted to walk through graduation ceremonies until they have satisfactorily completed all program and degree requirements and have the approval of the department and program faculty.

In addition to the general university requirements for admission to graduate studies as outlined in the university catalog, an applicant for admission to the Master of Science in Counseling Psychology degree

program must meet program requirements as stated below:

To apply for admission to the Master of Science in Counseling Psychology, applicants must complete and submit the LSUS Graduate Studies application along with transcripts to the Dean of Graduate Studies with duplicate copies sent to the Psychology Department. Applicants must abide by all graduate school application deadlines. Applicants must also submit to the MSCP Program Director: 1) at least two letters of references; 2) official GRE scores of ≥ 800 (combined Verbal and Quantitative); 3) MSCP Program Application Form; and 4) Letter of intent. All material must be received prior to the MSCP program application deadlines (see posted dates on MSCP web-page for full program description), and an application is complete only when all required materials have been received. In addition, applicant's credentials should provide evidence of freedom from limitations that would jeopardize their success as a professional counselor. All necessary forms are available at the MSCP Program web site. Admission decisions are made by the MSCP Program Committee, and are made on a competitive basis.

To the extent that applicants have not already taken the pre-requisite courses students are expected to complete all needed pre-requisite courses, at the beginning of their program of study.

All applicants: Complete all prerequisite courses with a grade of "C" or better.

PREREQUISITE COURSES

PSYC 216: *Introduction to Statistics for Behavioral Sciences*

And

Twelve hours of undergraduate Psychology courses, including PSYC 216: Introduction to Statistics for the Behavioral Sciences.

Grade Policy

A GPA of 3.0 or higher is required for graduation from the Master of Science in Counseling Psychology degree program. Students are expected to maintain a minimum 3.0 GPA throughout the program. After any semester in which a student's GPA drops below 3.0, the student will be placed on probation. The student is expected to return to a GPA of 3.0 or higher the following semester. Only one (1) grade of "C" is allowed toward the completion of the degree. A second grade of "C" must be repeated, with a minimal grade of "B" required on the repeated course for a student to remain in the MSCP program. A third earned grade of "C" will result in dismissal from the program. All grades earned in graduate course work, whether at LSUS or elsewhere, will be included in the computation of the minimum 3.0 GPA required for graduation. Undergraduate courses taken as prerequisites while in graduate status are not so included. Any grade below a grade of "C" in a graduate course will automatically result in dismissal from the program. Thesis grades are assigned as pass/fail based on student performance. Students may be allowed to retake internship courses one time only upon approval of the MSCP Program Committee.

Transfer Credit

A maximum of 12 semester hours with a grade of "B" or better may be accepted for transfer into the program by prior approval of the MSCP Program Director. An additional 9 hours may be considered for transfer approval, at the discretion of the MSCP Program Committee and upon approval by the Graduate Council.

Comprehensive Examination

Students will be expected to successfully complete a comprehensive examination prior to placement in the

internship. The program has adopted the Counselor Preparation Comprehensive Examination (CPCE). It is an objective, standardized measurement exam developed by the Center for Credentialing and Education, an affiliate of the National Board of Certified Counselors, Inc. (NBCC). The committee will use the exam to measure students' competency in the subjects deemed important by counselor licensing/accreditations boards. The CPCE was designed to provide summative evaluation of pertinent and professional relevant knowledge obtained through the program. The CPCE consists of 160 items that reflect the Council for the Accreditation of Counseling and Related Educational Program (CACREP) eight required training areas:

- Human Growth and Development
- Social and cultural Foundations
- Helping Relationships
- Group Work
- Career and Lifestyle Development
- Appraisal
- Research and Program Evaluation
- Professional Orientation and Ethics

The CPCE registration fee is the responsibility of the student. The LSUS Department of Psychology will coordinate administration of the CPCE. Individuals who perform well on the CPCE should perform similarly on the LPC licensure exams. Students who do not pass the comprehensive examination may retake the comprehensive exam twice. Failing the comprehensive exam a third time will result in dismissal from the program. The Committee sets the comprehensive exam dates and at least two dates will be offered per academic year.

MASTER OF SCIENCE IN COUNSELING PSYCHOLOGY

Total Hours: 48

FIRST YEAR					
<u>FALL SEMESTER</u>	<u>Sem. Hrs.</u>	<u>SPRING SEMESTER</u>	<u>Sem. Hrs.</u>	<u>SUMMER SEMESTER</u>	<u>Sem. Hrs.</u>
Psychology 701/ED 750	3	Psychology 721	3	Psychology 705	3
Psychology 720	3	Psychology 723	3	Psychology Elective	<u>3</u>
Psychology 716	3	Psychology 718	3		6
Psychology 728	<u>3</u>	Psychology 705	<u>3</u>		
	12		12		
SECOND YEAR					
<u>FALL SEMESTER</u>	<u>Sem. Hrs.</u>	<u>SPRING SEMESTER</u>	<u>Sem. Hrs.</u>	<u>SUMMER SEMESTER</u>	<u>Sem. Hrs.</u>
Psychology 732	3	Psychology 786	3	Psychology 787	3
Psychology 722	3	Psychology 732	<u>3</u>		
Psychology 783	<u>3</u>		6		
	9				

Prerequisite courses: 12 hours of Psychology including PSYC: 216

Electives (3 hours required): PSYC 655, PSYC 702, PSYC 714, PSYC 719, PSYC 724, PSYC 626, or PSYC 799.

NOTE: This table is an example schedule.

MASTER OF SCIENCE IN KINESIOLOGY AND WELLNESS

Admission Requirements:

A student entering the MSKW Program must have completed a bachelor's degree in a related field or obtain special permission by the MSKW Graduate Faculty. The prospective student must also have submitted a combined score on the verbal and quantitative portions of the GRE of 800 or better and must have a minimum GPA of 3.0 on any graduate work to be transferred into the program. Finally, the prospect must have a GPA of at least 2.5 on undergraduate work or a minimum of 2.75 in the final 60 undergraduate hours taken. All GPA requirements are based on a 4.0 scale.

Overview and Program Requirements:

The Master of Science in Kinesiology and Wellness (MSKW) is a professional degree designed to enhance graduate students' academic and professional background in the areas of health and exercise science. This degree serves a wide variety of professionals such

as dietitians, nurses, physical and occupational therapists, clinicians in wellness and cardiac rehab, fitness instructors, exercise specialists, coaches, and teachers. The 36-credit program consists of three components: Core requirements (18 credits) provide a foundation of research methods and exercise sciences; Specialty courses (12-15 credits) allow selection of classes that focus on specific career goals; and Research (3-6 credits) through either a thesis or final project requires each student to integrate concepts into inquiry.

Transfer students:

Up to six hours of transfer credit hours can be accepted upon approval by the Program Director. More than six requires approval of the LSUS Graduate Council. In both cases decisions are made on the relationship of the courses in question to student goals and consistency with KHS direction. No grade of C or lower is acceptable for transfer credit.

MASTERS OF SCIENCE IN KINESIOLOGY AND WELLNESS

Total: 36 hours

Core courses:	18 hours
KHS 700	3 hrs
KHS 701 (Research Methods - to be developed)	3 hrs
KHS 722	3 hrs
KHS 723	3 hrs
KHS 725	3 hrs
KHS 741	3 hrs
Specialty courses:	12-15 hours
Approved electives: Graduate courses in KHS or other appropriate curricula	
Research: KHS 798 (Masters Project – to be developed) or KHS 799 (Thesis – to be developed)	3-6 hours
Total:	36 hours

MSKW prepares for the following certifications:

Louisiana State Board of Medical Examiners:

Clinical Exercise Physiologist

American College of Sports Medicine:

Health Fitness Specialist
Clinical Exercise Specialist
Personal Trainer

National Strength and Conditioning Association:

Strength and Conditioning Specialist
Person Trainer

USA Weightlifting:

Club Coach
Sports Performance Coach

SPECIALIST IN SCHOOL PSYCHOLOGY

The Specialist in School Psychology (SSP) degree program is a 72-hour graduate program that leads to certification as a school psychologist. The program is approved by the National Association of School Psychology (NASP) and accredited through NCATE. The program is structured as a full-time, three-year training experience. The first two years are spent predominantly in classroom instruction with some field

experiences. The final year is a 1200- hour internship involving full-time employment in an approved setting. The full-time internship is supervised by both an on-site professional school psychologist and an on-campus faculty supervisor.

Admission Procedures:

The general university requirements are outlined in the

University catalog and Graduate Studies policy. An applicant to the SSP degree program must meet all admission standards prior to entering the program. Applicants are expected to enter the program during the fall semester and maintain a full-time academic course load throughout their program of study. Admission during spring or summer will be considered on a case-by-case basis. There are three calendar deadlines for receipt of all required program and university application materials: June 30 for fall semester, November 30 for spring admission, and April 30 for summer admission.

In order to apply to the program, the applicant must first apply for admission into LSUS Graduate Studies. In addition, the applicant must also submit to the Department of Psychology Chair:

1. at least two letters of reference;
2. official documentation of Graduate Records Examination (GRE) with a score of ≥ 800 (combined Verbal and Quantitative section scores);
3. a completed SSP program application form; and
4. a letter of intent expressing career and professional goals of the applicant.

Upon acceptance to LSUS Graduate Studies, the SPTC will make admission decisions based on all materials, including a review of the applicant's transcripts to evaluate evidence that pre-requisite foundations in psychology are met. Applicants may apply up to 12 hours of transfer credit at the discretion of the committee. The SSP program publishes a student handbook, available on the program's website, which provides admission guidelines and requirements. All materials must be received prior to the application deadlines for an application to be considered complete. Missing materials will move consideration of the application to the next academic semester. In addition, the applicant's credentials should provide evidence of freedom from limitations that would compromise their success as a professional school psychologist. All necessary forms are available at the SSP program website <http://www.lsus.edu/ehd/ssp> and in the Psychology Department office. Admission decisions are made by the SPTC on a competitive basis.

Course Requirements:

The LSUS training program provides educational and psychological foundations for delivering assessment, consultation, and intervention services in school settings. The SSP degree is awarded only after successful completion of courses, performance-based field experiences, acquisition of professional work characteristics, a comprehensive exam, and internship. Teaching methods in the first academic year are largely didactic in nature with the objective of providing a general foundation in psychology and education. In the second year, coursework is supplemented by the supervised demonstration of professional skills, including two practica. A comprehensive examination of psychological, educational, and professional foundations must be passed during the spring of the second year. The third year emphasizes broad exposure to all elements of professional practice during a year-long internship supervised by university-based staff as a supplement to supervision in the school setting.

Retention Policy:

The SPTC requires students in the SSP program to maintain a minimum 3.0 GPA. Students may make one "C" in a course and remain in the program if their overall GPA is 3.0. If a student receives a second "C" in a course, regardless of overall GPA, that course must be repeated with a grade of "B" or better to remain in the program. A "C" in three or more courses, or any grade below a "C" in a single course will result in immediate dismissal from the program.

Comprehensive Examination and National Certification Exam

Before beginning an internship, students in the SSP program must pass a comprehensive written examination, usually scheduled by the SPTC during the Monday following spring break. Students become eligible for the examination when they have completed all foundation coursework. Prior to or during internship students are required to take the National Certification in School Psychology (NCSP) exam.

SPECIALIST IN SCHOOL PSYCHOLOGY

Total Hours: 72

FIRST YEAR					
<u>FALL SEMESTER</u>	<u>Sem. Hrs.</u>	<u>SPRING SEMESTER</u>	<u>Sem. Hrs.</u>	<u>SUMMER SEMESTER</u>	<u>Sem. Hrs.</u>
Psychology 751	3	Psychology 609	3	Psychology 706	3
Psychology 710	3	Psychology 718	3	Psychology 601	3
Psychology 716	3	Psychology 723	3	Psychology 748	3
Psychology 755	3	Psychology 752	3		9
	12		12		

SPECIALIST IN SCHOOL PSYCHOLOGY

Total Hours: 72

<u>FALL SEMESTER</u>	<u>Sem. Hrs.</u>	<u>SPRING SEMESTER</u>	<u>Sem. Hrs.</u>	<u>SUMMER SEMESTER</u>	<u>Sem. Hrs.</u>
Psychology 732	3	Psychology 719	3	Psychology Elective	3
Psychology 749	3	Psychology 754	3		
Psychology 753	3	Psychology 780	3		
Psychology 760	3	Psychology Elective	3		
	12		12		

<u>FALL SEMESTER</u>	<u>Sem. Hrs.</u>	<u>SPRING SEMESTER</u>	<u>Sem. Hrs.</u>
Psychology 789	6	Psychology 789	6

COOPERATIVE GRADUATE PROGRAMS:

MASTER OF ARTS IN ENGLISH

(COOPERATIVE WITH LSU BATON ROUGE OR LOUISIANA TECH)

The Department of English at LSUS offers graduate studies leading to the Master of Arts in English from either LSU in Baton Rouge or Louisiana Tech University in Ruston. By allowing participants to complete up to 12 hours of their graduate course work here, the program suits the needs of working professionals in the Shreveport-Bossier City area who would have difficulty meeting the normal residence requirements at the other institutions.

Students in the program apply for admission to the graduate schools of both LSUS and one of the cooperating institutions. Although the institution awarding the degree makes the final decision on admission, each student has an advisory committee made up of faculty from both institutions. Students in both plans must take at least 15 hours of course work in courses offered exclusively for graduate students.

Those interested in either of these cooperative programs should apply through the English Department at LSUS.

Admission Requirements/Study Options For:

Louisiana State University in Baton Rouge:

For admission into the M.A. program, students must have an undergraduate major in English or its equivalent (generally regarded to be 30 semester hours in English literature and theory courses). In past years, successful applicants have had undergraduate grade point averages of at least 3.2 overall and GRE scores of about 1,200 (verbal and quantitative combined). Once accepted, students have two options for earning the M.A.:

Thesis Option: Requires 24 semester hours of graduate work, 12 semester hours of research credit, and a research thesis.

Non-Thesis Option: Requires 36 semester hours of graduate course work and a comprehensive examination.

Louisiana Tech University: For admission, applicants must have a bachelor's degree from an accredited college, with a minimum of 24 hours in English, at least 12 of these on the junior or senior level. For unconditional admission, applicants must have a grade point average of 2.5 or above on a 4.0 scale. After entering the program, students select one of two possible degree plans:

Plan A: Requires 24 semester hours of graduate course work, 6 semester hours of credit for a thesis, and a comprehensive examination.

Plan B: Requires 33 semester hours of graduate course work and a comprehensive examination.

MASTER OF ARTS IN HISTORY

(COOPERATIVE WITH LOUISIANA TECH)

The Department of History/Social Sciences offers a program of graduate studies leading to the Master of Arts in History at Louisiana Tech University in Ruston. Students may take up to 12 semester hours at LSUS. Professors from LSUS may serve on a thesis committee, but a professor from Louisiana Tech must direct the thesis. Students specialize in the history of the United

States, Europe, Latin America, or Asia and choose one of two options:

Thesis Option: Requires 24 hours of coursework and 6 hours of thesis.

Non-thesis Option: Requires 33 hours of coursework and a written examination in the specialty area.

Applicants must be admitted by both the Department of History/Social Sciences at LSUS and the Department of History at Louisiana Tech and must have a bachelor's degree from an accredited institution, GRE scores, and

21 hours of history at the undergraduate level. For further information, contact the Chair of either college.

MASTER OF SCIENCE IN ENVIRONMENTAL SCIENCES (COOPERATIVE WITH LSU - BATON ROUGE)

The College of Arts and Sciences at LSUS offers a cooperative graduate program leading to the Master of Science in Environmental Sciences from LSU in Baton Rouge. Students in the program apply for admission to the Graduate Schools of both LSUS and LSU-BR. Although LSU-BR makes the final decision on admission, each student has a committee made up of faculty from both campuses. Participants are allowed to complete up to 18 hours of their graduate course work at LSUS.

Admission requirements and study options for LSU in Baton Rouge.

For admission into the M.S. program, students must have completed the prerequisite courses in chemistry, biological sciences, math, and economics. In past years, successful applicants have had undergraduate grade point averages of at least 3.0 overall and GRE scores of about 1,100 (verbal and quantitative combined.)

Concentrations

The M.S. degree program in Environmental Sciences (ENVS) offers two areas of concentration: Environmental Planning and Management, and Environmental Toxicology. The Environmental Planning and Management concentration allows students the option of completing a thesis or a non-thesis curriculum. The Environmental Toxicology concentration requires a thesis.

Thesis Option: In both concentrations, a minimum of 24 semester hours of graduate course work, 6 semester hours of research credit, and a research thesis is required.

Non-Thesis Option: A minimum of 37 semester hours of graduate course work and a comprehensive examination is required.

MASTER OF SCIENCE (COOPERATIVE WITH LSU HEALTH SCIENCES CENTER-SHREVEPORT)

Students may earn a degree emphasizing biochemistry and molecular biology, cellular biology and anatomy, microbiology and immunology, pharmacology and therapeutics, and molecular and cellular physiology awarded by LSU Health Sciences Center-Shreveport.

Fifteen hours of coursework are done at LSUS. Thesis work requiring six hours may be done at either institution, and the remaining nine hours are taken on a space available basis from selected courses at LSU Health Sciences Center-Shreveport.

Students are referred to the LSU Health Sciences Center-Shreveport catalog for specific regulations regarding this degree. Further information may be obtained from the College of Arts and Sciences office at LSUS (Science Building 104), phone 797.5231.

Student should apply for graduate admission to the LSU Health Sciences Center-Shreveport. In addition, if seeking financial aid, application should be made through the LSU Health Science Center-Shreveport.

GRADUATE PROGRAMS OFFERED BY LSU-BATON ROUGE

LSU-Baton Rouge, through its Division of Continuing Education, offers graduate work for the Master of Library Science degrees. All graduate credits earned in these programs are resident credits if the applicant has been admitted to the graduate program. Persons interested in the Master of Library Science should contact Dr. Lee Shifflet, LSU School of Library and Information Science, Baton Rouge, Louisiana 70803.

COURSES FOR UNDERGRADUATE AND GRADUATE CREDIT

Courses offered during the academic year covered by this catalog will be selected principally from those described on the following pages, but the University reserves the right to make revisions in these offerings. Shown on the same line with the title is the amount of credit given for satisfactory completion of the course. The amount of credit is based on the amount and kind of guided instructional activity each week for one term; for example, one credit represents one hour of lecture or recitation a week for one term. Two hours (in certain courses, three hours) of laboratory work are given one hour of credit. The course description specifies whether the course is lecture, laboratory, recitation, seminar research, independent studies, or some combination of these and also whether there are prerequisites. Some sections of a course may be offered as partially or fully online. The course number is shown to the left of the title. The following explains the numbering system:

Course Number	Description
000-099	Preparatory courses for no degree credit
100-199	Freshman level courses
200-299	Sophomore level courses (Freshmen allowed with permission)
300-399	Junior and Senior level courses (Sophomores allowed with permission)
400-499	Junior and Senior level courses
500-599	Graduate level courses
600-699	Graduate level courses which correspond to senior (400) level undergraduate courses.
700-799	Graduate level only

- ❖ Specified courses which fulfill the Subject Distribution requirements as listed under “GENERAL EDUCATION” elsewhere in this Catalog are marked by an asterisk (*).
- ❖ For information on additional courses, which may fulfill the Subject Distribution requirements, the students should contact their Dean.
- ❖ Graduate credit courses at the 600 and 700 level in the College of Business Administration are not available to undergraduates.
- ❖ At least 80% of the courses applicable toward an MBA must be for graduate students only.
- ❖ Except for courses which are designated as “repeat for credit” a course may be counted only once in the total hours for a degree.

ACCOUNTING

- ACCT 205: Introductory Financial Accounting** 3 cr.
An introductory course intended to familiarize the student with principles and methods of accounting primarily concerned with financial data gathering and presentation in the form of general-purpose external financial statements. Three hours of lecture.
- ACCT 206: Introductory Managerial Accounting** 3 cr.
Prerequisite: ACCT 205. An introductory course intended to familiarize the student with principles and methods of accounting primarily concerned with data gathering and presentation for purposes of internal management evaluation and decision making. Three hours of lecture.
- ACCT 285: Accounting Concepts** 3 cr.
Prerequisite: None. An introduction to the concepts and practices of financial accounting and reporting. The student is introduced to (1) the role of financial reporting in the allocation of capital in a market economy, and (2) the governing principles, practices, applications, and authoritative literature used in the preparation of and interpretation of financial reports, and (3) techniques and tools used in the analysis of financial reports. Satisfies the MBA foundation accounting requirement. Credit will not be allowed for undergraduate business majors. Three hours of lecture.
- ACCT 309: Intermediate Accounting I** 3 cr.
Prerequisite: ACCT 205 and ACCT 206 with a grade of C or better in each course. An in-depth study of financial accounting theory and practice, with emphasis on the preparation of financial statements in accordance with Generally Accepted Accounting Principles. Topics covered include the conceptual framework of accounting, the standard-setting process, the time value of money, current assets (cash, receivables, and inventories), spreadsheet applications, and ethical considerations. Three hours of lecture.
- ACCT 310: Intermediate Accounting II** 3 cr.
Prerequisite: ACCT 309 with a grade of C or better. An in-depth study of financial accounting theory and practice, with emphasis on the preparation of financial statements in accordance with Generally Accepted Accounting Principles. Topics covered include noncurrent assets (fixed assets, depreciation, intangible assets, and investments), current and long-term liabilities, stockholders' equity, and earnings per share. Three hours of lecture.
- ACCT 311: Intermediate Accounting III** 3 cr.
Prerequisite: ACCT 309 with a grade of C or better. An in-depth study of financial accounting theory and practice, with emphasis on the preparation of financial statements in accordance with Generally Accepted Accounting Principles. Topics covered include revenue recognition, deferred income taxes, pensions, leases, and accounting changes. Three hours of lecture.
- ACCT 320: Introduction to Federal Income Tax** 3 cr.
Prerequisite: ACCT 206 with a grade of C or better or consent of the department. The study and research of the Federal tax structure and its effects on individuals. Three hours of lecture.
- ACCT 330: Cost Accounting** 3 cr.
Prerequisite: ACCT 206 with a grade of C or better or consent of the department. A study of the collection and utilization of cost data for financial purposes and managerial decision making processes. Computer applications, quantitative methods, and various philosophies of accounting theory are considered. Three hours of lecture.
- ACCT 340: oil and Gas Accounting** 3 cr.
Prerequisite: ACCT 206. An introduction to the current accounting practices associated with the oil and gas industry. Three hours of lecture.
- ACCT 410: Advanced Financial Accounting I** 3 cr.
Prerequisite: ACCT 310 and 311 with grades of C or better. A study of business combinations through asset and stock acquisitions as well as consolidations of corporate groups. Three hours of lecture.
- ACCT 420: Tax Problems and Research** 3 cr.
Prerequisite: ACCT 320 or consent of the department. This course includes research on tax questions of individuals, corporations, and partnerships. Three hours of lecture.
- ACCT 440: Auditing Theory** 3 cr.
Prerequisite: ACCT 310 and 311 with grades of C or better. Study of the independent auditor's contribution to reliable financial reporting including the following topics: professional ethics, legal liability, auditing standards and objectives, evidence collection, internal controls, audit sampling, and audit reports. Three hours of lecture.
- ACCT 450: Fraud Examination** 3 cr.
Prerequisite: ACCT 309. An in-depth examination of the principles and practices for investigating and uncovering allegations of fraud and financial misconduct. Three hours of lecture.
- ACCT 460: Governmental and Non-Profit Organization Accounting** 3 cr.
Prerequisite: ACCT 309 with a grade of C or better. Budgeting, fiscal processes, and financial record keeping and reporting of governmental bodies and private non-profit institutions. Three hours of lecture.
- ACCT 470: Accounting Theory** 3 cr.
Prerequisite: ACCT 310 and 311. An examination of current accounting topics in income measurement and statement presentation. Three hours of lecture.
- ACCT 475: Internship in Accounting** 3-6 cr.
Prerequisites: Successful completion of 60 credit hours toward the student's degree, and either a 2.75 cumulative GPA or a 3.00 GPA for the last 24 credit hours, and approval of the business internship director. The director works with the student to find a professional internship experience that matches the student's major. The student will not receive credit for an existing job. The student is required to write a report that details the objectives, progress, and completion of the internship. Three hours of credit on a pass/no credit basis. May be repeated for a maximum of six hours. Only three hours may be applied to the major. The student must complete at least 120 hours of work.

- ACCT 490: Seminar in Accounting** 3 cr.
Prerequisite: Junior standing and consent of the department. May be repeated for a maximum of six term hours. Selected topics will vary from term to term. Three hours of seminar.
- ACCT 495: Independent Studies in Accounting** 3 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the accounting faculty. Three hours of lecture.
- ACCT 620: Tax Problems and Research** 3 cr.
Prerequisite: ACCT 320 or consent of the department. Research on tax questions related to individuals, corporations, and partnerships. Students are required to write a research paper on a tax topic to be assigned by the instructor. Three hours of lecture.
- ACCT 660: Governmental and Non-Profit Organization Accounting** 3 cr.
Prerequisite: ACCT 309 with a grade of "C" or better. Budgeting, fiscal processes, and financial record keeping and reporting of governmental bodies and private non-profit institutions. This course includes a research project that involves accounting aspects of non-profit institutions. Three hours of lecture.
- ACCT 701: Managerial Use of Accounting Data** 3 cr.
Prerequisite: ACCT 285 or equivalent (ACCT 205 and 206). An introduction to the sources and uses of accounting information used in the management decision-making process. Three hours of lecture.

AGRICULTURE

- AGRI 101: Introduction to Agriculture** 1 cr.
A survey course covering all fields of agriculture with emphasis on opportunities and educational requirements. One hour of lecture.
- AGRI 110: Fundamentals of Animal Husbandry** 3 cr.
An introductory course dealing with beef cattle, sheep, swine, and horses and their role in American agriculture. Three hours of lecture.
- AGRI 112: Conservation of Forest Resources** 2 cr.
An introductory study of the resources of forest and range lands including wood, wildlife, recreation, forage, and water. Elementary techniques of multiple use management of forest lands. Two hours of lecture.
- AGRI 114: Livestock Judging** 1 cr.
The theory and practice of judging livestock. May be repeated for a maximum of three credits. Three hours of lab.
- AGRI 121: Farm Crops** 2 cr.
Prerequisite: Credit or registration in AGRI 121L. Fundamental principles of crop production. Two hours of lecture.
- AGRI 121L: Farm Crops Laboratory** 1 cr.
Prerequisite: Credit or registration in AGRI 121. Supplementary to AGRI 121 by means of student field and laboratory observations and experimentations with seed and plants. Two hours of lab.
- AGRI 148: Elements of Dairying** 3 cr.
Fundamentals of dairy production and manufacturing. Three hours of lecture.
- AGRI 150: General Horticulture** 3 cr.
The propagation and management of flowers, fruits, and vegetables. Three hours of lecture.
- AGRI 151: Horticultural Practices** 3 cr.
Prerequisite: Credit in AGRI 150 (or comparable course). An in-depth study of the modern techniques and technology practiced in the production of flowers, fruits, ornamentals and vegetables. Three hour class periods, a combination of lecture and lab.
- AGRI 251: Soils** 3 cr.
Prerequisites: CHEM 112. Credit or registration in AGRI 251L. Fundamental principles of soil science and the properties of soils as related to plant growth. Three hours of lecture.
- AGRI 251L: Soils Laboratory** 1 cr.
Prerequisite: Credit or registration in AGRI 251. Supplementary to AGRI 251 by means of analysis of soils and study of land descriptions. Two hours of lab.
- AGRI 271: Breeds of Farm Animals** 2 cr.
Credit or registration in AGRI 271L. The origin and characteristics of the leading breeds of beef cattle, sheep, swine, and horses; development, adaptability and distribution; breed types, organizations and publications; comparative judging of representative animals. Two hours of lecture.
- AGRI 271L: Breeds of Farm Animals Laboratory** 1 cr.
Prerequisite: Credit or registration in AGRI 271. Supplementary to AGRI 271 by means of field and laboratory study of farm animals. Two hours of lab.
- AGRI 278: Feeds and Feeding** 2 cr.
Prerequisite: Consent of the department. Basic principles of nutrition including chemical composition of feeding stuffs, digestion, metabolism, functions, and values of nutrients. Two hours of lecture.
- AGRI 278L: Feeds and Feeding Laboratory** 1 cr.
Prerequisite: Credit or registration in AGRI 278. Computation of balanced rations for farm animals. Two hours of lab.

AMERICAN STUDIES

- AMST 198: American Studies Seminar** 3 cr.
Prerequisite: Consent of the director. An extramural program. Reading conferences, and reports on American history, culture, and values under the direction of a member of the Liberal Arts faculty in Washington, D.C. The subject matter, which is interdisciplinary and broad in scope, will be supplemented by visits to museums, art galleries, theaters, libraries, and other places of cultural and historical interest in Washington, D.C. Three hours of seminar.

AMST 298: American Studies Seminar**3 cr.**

Prerequisite: Consent of the director. An extramural program. Reading conferences, and reports on American history, culture, and values under the direction of a member of the Liberal Arts faculty in Washington, D.C. The subject matter, which is interdisciplinary and broad in scope, will be supplemented by visits to museums, art galleries, theaters, libraries, and other places of cultural and historical interest in Washington, D.C. Three hours of seminar. Same as AMST 198, except that additional requirements will be appropriate to the level of the course.

AMST 398: American Studies Seminar**3 cr.**

Prerequisite: Consent of the director. An extramural program. Reading conferences, and reports on American history, culture, and values under the direction of a member of the Liberal Arts faculty in Washington, D.C. The subject matter, which is interdisciplinary and broad in scope, will be supplemented by visits to museums, art galleries, theaters, libraries, and other places of cultural and historical interest in Washington, D.C. Three hours of seminar. Same as AMST 298, except that additional requirements will be appropriate to the level of the course. Three hours of seminar.

ANTHROPOLOGY

ANTH 205: General Anthropology***3 cr.**

The origin and evolution of man, the modern races, prehistory of mankind, and linguistic classification. Three hours of lecture.

ANTH 210: Culture Growth***3 cr.**

The nature of culture; social organization; primitive religion, magic, and arts. Three hours of lecture.

ANTH 304: North American Indians**3 cr.**

Origin, distribution, language, and culture of the aboriginal population. Three hours of lecture.

ANTH 395: Independent Studies**3 cr.**

Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Students must petition for the course the term preceding. Special research projects under the guidance of a member of the anthropology faculty. Three hours of research.

ANTH 429: Folklore**3 cr.**

Survey of traditional tales and oral literature, and of other elements of folk culture such as ethnobotany, folk music, and folk housing, with emphasis on Louisiana. Students will collect and preserve some elements of local folklore as part of the course. Three hours of lecture.

ANTH 629: Folklore**3 cr.**

Survey of traditional tales and oral literature, and of other elements of folk culture such as ethnobotany, folk music, and folk housing, with emphasis on Louisiana. Students will collect and preserve some elements of local folklore as part of the course. Three hours of lecture.

ANTH 790: Special Topics in Anthropology**3 cr.**

May be repeated for a maximum of six term hours. Special topics will be selected from aspects of anthropology such as folklore, North American Indians, fossils, man, and prehistory. Three hours of seminar.

ASTRONOMY

ASTR 105: The Solar System***3 cr.**

Prerequisite: MATH 007 or sufficiently high score on a math diagnostic test. A survey course treating the fundamental principles of the solar system. Three hours of lecture.

ASTR 105L: Astronomy Laboratory**1 cr.**

A laboratory course to accompany ASTR 105. Visual and photographic observations of the planets and moon are made with an 8-inch reflecting telescope. In addition, practical problems in solar system astronomy are studied. Two hours of lab.

ASTR 106: Stellar Astronomy***3 cr.**

Prerequisite: ASTR 105. A survey course treating the fundamental principles of stellar astronomy. Three hours of lecture.

ASTR 106L: Astronomy Laboratory**1 cr.**

A laboratory course to accompany ASTR 106. Visual observations of stars and nebulae are made with a reflecting telescope. In addition, practical problems in stellar astronomy are studied. Two hours laboratory.

ASTR 205: Introduction to Radio Astronomy**3 cr.**

Prerequisite: ASTR 105 or PHYS 252 or PHYS 262. An introduction to the radio universe and the tools and techniques used to explore it. Three hours of lecture/lab.

ASTR 305: Introduction to Radio Astronomy**4 cr.**

Prerequisite: Consent of the department. An introduction to the radio universe and the tools and techniques used to explore it. Four hours of lecture/lab.

ANIMATION AND VISUAL EFFECTS

AVE 121: Introduction to Entertainment Graphics I**3 cr.**

Prerequisite: FA 210. Introduction to Computer Graphics. Basic production methodology, photographic cinematography and production techniques to be explored as they apply to animation, visual effects, and digital media. Three hours of lecture.

AVE 122: Introduction to Entertainment Graphics II**3 cr.**

Prerequisite: AVE 121. Continuation of AVE 121, including topics such as storyboarding, animatics, and production planning. Three hours of lecture.

AVE 158: Introduction to Desktop Digital Compositing**3 cr.**

Introduces students to basic digital workflow using desktop-level tools. Three hours of lecture.

- AVE 201: Introduction to Three-Dimensional Animation I** **3 cr.**
Prerequisite: FA 210. Introduction to 3D Animation using industry-level software, covering modeling, basic texturing, and computer graphics theory. Three hours of lecture.
- AVE 202: Introduction to Three-Dimensional Animation II** **3 cr.**
Prerequisite: AVE 201. Continuation of AVE 201, covering shading, lighting, and computer graphics theory. Three hours of lecture.
- AVE 351: Intermediate Three-Dimensional Animation I** **3 cr.**
Prerequisite: AVE 202. An advanced course in three-dimensional animation covering topics such as 3D character setup, animation, and supporting theory. Three hours of lecture.
- AVE 352: Intermediate Three-Dimensional Animation II** **3 cr.**
Prerequisite: AVE 351. Continuation of AVE 351, covering topics such as animation timing, staging, and animation theory. Three hours of lecture.
- AVE 401: Computer Graphics Pipeline I** **3 cr.**
Prerequisite: AVE 352. Methods of automating advanced computer graphics tools. Both software and script-based systems will be taught. Three hours of lecture.
- AVE 402: Computer Graphics Pipeline II** **3cr.**
Prerequisite: AVE 401. Continuation of AVE 401, including topics such as scripting for three-dimensional applications and rendering automation. Three hours of lecture.
- AVE 411: Production Assets I** **3 cr.**
Prerequisite: AVE 352. A practical course on building content library assets for computer graphics production. Topics include hard surface modeling and organic "character" modeling. Three hours of lecture.
- AVE 412: Production Assets II** **3 cr.**
Prerequisite: AVE 411. Continuation of AVE 411, including topics such as rigging setups and texturing. Three hours of lecture.
- AVE 458: Intermediate Digital Compositing I** **3 cr.**
Prerequisite: AVE 158. Using industry-level procedural compositing software tools to create feature-film quality photorealistic compositing. Three hours of lecture.
- AVE 459: Intermediate Digital Compositing II** **3 cr.**
Prerequisite: AVE 458. Continuation of AVE 458, including topics such as green screen compositing and compositing 3D-rendered elements. Three hours of lecture.
- AVE 460: Advanced Digital Compositing** **3 cr.**
Prerequisite: AVE 459. Theory and practice of digital compositing using industry-level software tools. Topics include three-dimensional tracking and camera exchange with other three-dimensional platforms. Three hours of lecture.
- AVE 601: Computer Graphics Pipeline I** **3 cr.**
The technological backbone to CGI Production. Computer hardware and software background as applied to CG production, general naming conventions, command line tools, scripting for 2D/3D applications including rendering and automation topics. Three hours of lecture.
- AVE 602: Computer Graphics Pipeline II** **3cr.**
Prerequisite: AVE 601. The second of a two-course sequence in the technology of CGI production. Computer hardware and software background as applied to the CG production, render queues, and optimizations for 2D/3D applications and pipelines. Three hours of lecture.
- AVE 611: Production Assets I** **3 cr.**
Prerequisite: Consent of the Department. This is a course on building content components for use in CG production, often referred to as assets. Topics will include 3D modeling of both organic "characters" modeling and in organic or hard surfaces, setup of the rigs of organic and human based characters, and surface texturing. Three hours of lecture.
- AVE 612: Production Assets II** **3 cr.**
Prerequisite: Consent of the Department. This course is the second of a two-course sequence in building content components for use in CG production, often referred to as assets. Topics will include the setup of surface shaders, rendering, and 3D modeling of both organic "characters" and inorganic, or hard-surface, objects. Three hours of lecture.
- AVE 658: Intermediate Digital compositing I** **3 cr.**
Prerequisite: Consent of the Department or AVE 158. Theory and practice of intermediate digital compositing, and image integration using advanced procedural software tools to complete assigned projects. Digital paint, color correction, motion tracking, among other topics, will be covered in the course. Three hours of lecture.
- AVE 659: Intermediate Digital Compositing II** **3 cr.**
Prerequisite: Consent of the Department or AVE 658. This course is the second of a two-course sequence in the theory and practice of intermediate digital compositing, using advanced procedural software tools to complete assigned projects. Chroma keying, rotoscoping, visual effects, among other topics, will be covered in the course. Three hours of lecture.

BIOCHEMISTRY AND MOLECULAR BIOLOGY

- BCHM 210: Vistas in Biochemistry** **1 cr.**
Prerequisite: CHEM 124. An elementary introduction to Biochemistry. Topics include biomolecular structure, intermediary metabolism, and molecular genetics. One hour of lecture.
- BCHM 410: Biochemistry I** **3 cr.**
Prerequisite: CHEM 266. The chemical structure and biological properties of proteins, lipids and carbohydrates and their contribution to cellular chemistry in terms of enzyme kinetics, bioenergetics and common metabolic chemistries. Three hours of lecture.
- BCHM 410L: Biochemistry I Laboratory** **2 cr.**
Prerequisite: registration in BCHM 410. An introduction to lipid, protein and carbohydrate biochemistry through the experimental investigation of their structures and functional properties. One hour lecture and three hours of lab.

- BCHM 412: Biochemistry II** **3 cr.**
Prerequisite: BCHM 410. Structure, function, and biosynthesis of cellular macromolecules and macromolecular structures. A biochemical description of the genetic apparatus of procaryotic and eukaryotic cells will be emphasized. Three hours of lecture.
- BCHM 412L: Biochemistry II Laboratory** **2 cr.**
Prerequisite: BCHM 410L and registration in BCHM 412. Isolation and characterization of proteins and nucleic acids using centrifugation, ion exchange and gel permeation chromatography, gel electrophoresis, spectrophotometry, enzymology, radiochemistry and gene cloning. One hour of lecture and three hours of lab.
- BCHM 430: Biophysical Chemistry** **3 cr.**
Prerequisites: CHEM 266, PHYS 252 or 262, BIOS 120 and MATH 221. An introduction to chemical thermodynamics and kinetics, binding phenomena and spectroscopy with emphasis on applications in biology. Three hours of lecture.
- BCHM 460: Clinical Biochemistry** **3 cr.**
Prerequisite: BCHM 410 with a grade of C or better and credit or concurrent enrollment in BCHM 412, or consent of the department. Clinical Biochemistry is an advanced study of biochemistry applied to the diagnosis of human disease. Measurement of the concentration of specific biomolecules in human blood, urine, and cerebrospinal fluid provides important information to the practicing physician for the diagnosis and monitoring of a wide variety of pathological conditions. This course is designed to present the biochemical causes, effects, and clinical utility of measurements of those biomolecules. Three hours of lecture.
- BCHM 490: Special Topics in Biochemistry** **1-3 cr.**
Prerequisite: Consent of the department. In-depth study of special areas in biochemistry. May be repeated when topic varies. One to three hours of lecture.
- BCHM 495: Independent Study in Biochemistry** **1-3 cr.**
Prerequisite: Consent of the department. Laboratory and/or library research in biochemistry. Three hours of laboratory per credit hour. May be repeated for credit for a maximum of 6 credit hours.
- BCHM 610: Biochemistry and Molecular Biology I** **3 cr.**
Prerequisite: CHEM 266, BIOS 363 or equivalent courses or consent of department. The chemical structure and biological properties of proteins, lipids and carbohydrates and their contribution to cellular chemistry in terms of enzyme kinetics, bioenergetics and common metabolic chemistries.
- BCHM 610L: Biochemistry and Molecular Biology I Laboratory** **2 cr.**
Prerequisite: registration in BCHM 610 or consent of department. An introduction to lipid, protein and carbohydrate biochemistry through the experimental investigation of their structures and functional properties. One hour of lecture and three hours laboratory.
- BCHM 612: Biochemistry and Molecular Biology II** **3 cr.**
Prerequisite: BCHM 610. Structure, function, and biosynthesis of cellular macromolecules and macromolecular structures. A biochemical description of the genetic apparatus of procaryotic and eukaryotic cells will be emphasized. Three hours of lecture.
- BCHM 612L: Biochemistry and Molecular Biology II Laboratory** **2 cr.**
Prerequisite: Registration in BCHM 612. Isolation and characterization of proteins and nucleic acids using centrifugation, ion exchange and gel permeation chromatography, gel electrophoresis, spectrophotometry, enzymology, radiochemistry and gene cloning. One hour of lecture and three hours of lab.
- BCHM 630: Biophysical Chemistry** **3 cr.**
Prerequisites: CHEM 266, PHYS 252 or 262, BIOS 120, MATH 221 or consent of instructor. An introduction to chemical thermodynamics and kinetics, binding phenomena, and spectroscopy with emphasis on applications in biology. Three hours of lecture.
- BCHM 722: Experimental Methods** **3 cr.**
Prerequisite: Consent of the department. A study of the processes associated with the scientific method of hypothesis testing. Primary emphasis will be placed on how to formulate hypotheses, design experiments to generate the data necessary to test the hypotheses, use one or a series of instruments and research techniques to generate data, analyze the data statistically, and use the data to draw conclusions related to the initial hypotheses. A variety of state-of-the art research methodologies will be covered. One hour of lecture and six hours of laboratory per week.
- BCHM 740: Plant Biochemistry** **3 cr.**
Prerequisite: Consent of the department. A study of metabolism with emphasis on those metabolic pathways restricted to C3, C4, and CAM photosynthetic plants. Particular emphasis will be placed on the synthesis and breakdown of the major groups of macromolecules as well as secondary plant metabolites. Will also include material regarding the ecological roles of natural plant products. Three hours of lecture per week.

BIOLOGICAL SCIENCES

Co-requisites: Unless the student obtains approval of the Chairman of the Department, he or she may not continue in a course if the co-requisite course is dropped. Credits in BIOS 110, 110L, 120, 120L, and 210 are prerequisites for all courses in biological sciences numbered 300 and above unless otherwise stated.

- BIOS 101: General Biology*** **3 cr.**
Introduction to general biological principles for the non-science student. Three hours lecture.
- BIOS 101L: General Biology Laboratory** **1 cr.**
Prerequisite: Credit or registration for credit in BIOS 101. Supplementary to BIOS 101 by means of student observations, experimentations, and analyses. Three hours of lab.
- BIOS 104: Marine Environment** **3 cr.**
Prerequisite: BIOS 101 or consent of the department. This introductory course in marine biology explores marine organisms, the habitats and physical environment in which they live, and natural and anthropogenic stressors that affect the marine environment. Credit will not be allowed for use in any curricula offered by the Department of Biological Sciences. Designed for the non-science student. Three hours of lecture.

- BIOS 105: Humanistic Botany*** **3 cr.**
Prerequisite: BIOS 101 or 120 or consent of the department. A study of the significance of plants to human life with emphasis on how plants have affected the development of culture and society through agriculture, drugs, and medicine. Credit will not be allowed for use in any curricula offered by the Department of Biological Sciences. Designed for the non-science student. Three hours of lecture.
- BIOS 106: Human Heredity and Society*** **3 cr.**
Prerequisite: BIOS 101 or 120 or consent of the department. Introduction to the impact of genetics and biological research on man and his society. Includes the social, ethical, and legal implications of genetic disorders and research. Designed for the non-science student. Credit will not be allowed for use in any curricula offered by the Department of Biological Sciences. Three hours of lecture and/or seminar.
- BIOS 107: Humans and Their Environment*** **3 cr.**
Prerequisite: BIOS 101 or 120 or consent of the department. A study of the effects of humankind's activity upon the physical and biological environment. Designed for the non-science student. Credit will not be allowed for use in any curricula offered by the Department of Biological Sciences. Three hours of lecture and/or seminar.
- BIOS 108: Sociobiology** **3 cr.**
Prerequisite: BIOS 101 or 120 or consent of the department. A biological approach to social awareness. Emphasis placed on the implications of a biological basis to social issues such as parenting, sexism, racism, eugenics, human diversity, man's antecedents, origin of life, and the bioethics of such practices as recombinant DNA technology, and genetic engineering. Designed for the non-science student. Credit will not be allowed for use in any curricula offered by the Department of Biological Sciences. Three hours of lecture.
- BIOS 109: Animal Diversity** **3 cr.**
Prerequisite: BIOS 101 or BIOS 120 or consent of the department. A study of the significance of animals to human life with emphasis on human health, agriculture, culture and societies. Credit will not be allowed for use in any curricula offered by the Department of Biological Sciences. Designed for the non-science student. Three hours of lecture.
- BIOS 110: Biology Principles I** **3 cr.**
First course in a two-part Introduction to basic biological principles for the science major. Topics include ecosystems, evolution, systematics, and basic physiology. Three hours of lecture.
- BIOS 110L: Biology Principles I Laboratory** **1 cr.**
Laboratory supplement to BIOS 110 involving utilization of the scientific method to investigate the principles of ecosystem dynamics, evolution, plant and animal systematics, and basic physiology. Three hours of lab.
- BIOS 120: Biology Principles II** **3 cr.**
Prerequisite: BIOS 110 and MATH 121, or consent of the department. Second course in a two-part introduction to the basic biological principles for the science major. Topics include molecular structure-function, cellular metabolism, genetics, and gene expression. Three hours of lecture.
- BIOS 120L: Biological Principles II Laboratory** **1 cr.**
Prerequisite: Credit or registration in BIOS 120. Laboratory supplement to BIOS 120 involving utilization of the scientific method to investigate the principles of biochemistry, metabolism, genetics, and cell biology. Three hours of lecture.
- BIOS 190: Health Science Seminar** **1 cr.**
Prerequisite: Permission of department chairman. Seminar for undergraduate students anticipating medical studies. One hour seminar.
- BIOS 210: Introduction to Biological Inquiry** **3 cr.**
Prerequisite: BIOS 120, 102L. Development of the skills and attitudes necessary for understanding and conducting biological inquiry. A problem-solving approach will be used to train students to make critical observations, to formulate hypotheses, to design experiments, and to choose appropriate analyses. Three hours of lecture.
- BIOS 222: General Zoology** **3 cr.**
Prerequisite: BIOS 120, 120L and credit or registration for credit in BIOS 222L. A study of the central facts and principles needed to understand the form, function, and evolution of animals. Three hours of lecture.
- BIOS 222L: General Zoology Laboratory** **1 cr.**
Prerequisite: Credit or registration for credit in BIOS 222. Laboratory study of the form and function of animals. This course is designed to correlate with and supplement BIOS 222. Three hours of lab.
- BIOS 224: General Botany** **3 cr.**
Prerequisite: BIOS 120, 120L, and credit or registration for credit in BIOS 224L. A study of the concepts, facts and principles central to understanding the form, function, classification, and evolution of photosynthetic protists, higher plants and fungi. Three hours of lecture.
- BIOS 224L: General Botany Laboratory** **1 cr.**
Prerequisite: Credit or registration for credit in BIOS 224. Laboratory study of the form and function of plants and fungi. This course is designed to correlate with and supplement BIOS 224. Three hours of lab.
- BIOS 226: Field Zoology** **3 cr.**
Prerequisites: BIOS 222. A basic course in field collecting techniques of all major animal phyla. Topics will include collecting techniques, specimen preparation, storage and cataloging. Five hours of lecture-lab.
- BIOS 231: Histological Technique** **2 cr.**
Prerequisites: BIOS 222, 224 and credit or registration in BIOS 231L. Study of the methods and principles of preparation of animal and plant material for microscopic examination, histochemical techniques, staining, microscopy, photomicrography, and isolation of cells and organelles. Two hours of lecture.
- BIOS 231L: Histological Technique Laboratory** **2 cr.**
Prerequisite: Credit or registration in BIOS 231. The practice of histochemical techniques including staining, microscopy, photomicrography, and isolation of cells and organelles. Six hours of lab.
- BIOS 277: Dendrology** **2 cr.**
Prerequisite: BIOS 224. An identification classification, characteristics, and distribution of the principal forest trees of the United States with particular emphasis on coniferous species. One hour of lecture and three hours of lab.

BIOS 278: Dendrology 2 cr.
Prerequisite: BIOS 277. A continuation of BIOS 277 with particular emphasis on hardwood species with spring and summer characteristics of forest vegetation. One hour of lecture and three hours of lab.

BIOS 280: Human Physiology 3 cr.
Prerequisite: BIOS 120, 120L. The elements of human physiology, a study of the controls and functions of the various organ systems. Not acceptable as a substitute for BIOS 387. Three hours of lecture.

BIOS 280L: Human Physiology Laboratory 1 cr.
Prerequisite: Credit or registration for credit in BIOS 280. Experiments designed to give a basic understanding of human organ systems by using physiographs, treadmill exercise, and demonstrations of physiological responses. Three hours of lab.

BIOS 282: Human Anatomy 3 cr.
Prerequisite: BIOS 120, 120L. A study of the structure of the major organ systems in man with emphasis on the integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, reproductive and endocrine systems. Three hours of lecture.

BIOS 282L: Human Anatomy Laboratory 1 cr.
Prerequisite: Credit or registration for credit in BIOS 282. Experiments are designed to impart a basic understanding of human anatomy by employing charts, human skeletons, laboratory animals, models, slides, and video tapes. One hour of laboratory instruction and two hours of lab.

BIOS 291: Field Course in Biology 3 cr.
Prerequisite: Consent of the department. Study of the flora and fauna and community characteristics of different biotic environments, including developing skills in the collection and preservation of organisms for scientific study. Field work will be done during a two-week (approximate) field trip. One hour laboratory instruction and six hours laboratory. May be repeated for credit.

BIOS 293: Independent Study 1 cr.
Prerequisite: BIOS 120, or 120L and consent of the department. Introduction to laboratory and library research. Grading in this course is on a pass/no credit basis. May be repeated. One hour conference and two hours independent research.

BIOS 295: Systematics Internship 1 cr.
Prerequisites: BIOS 222 or 224 and consent of department. Practical experience in the curation and management of biological collections in the Museum of Life Sciences. May be repeated. One hour conference and two hours of curatorial work in the museum.

All courses numbered 300 or above require Bios 110, 110L, 120, 120L, and 210 (or approval of the Department Chair) as prerequisites unless otherwise noted.

BIOS 320: General Microbiology 3 cr.
Prerequisite: BIOS 120, 120L. A basic study of viruses, rickettsiae, chlamydians, bacteria, algae, fungi, and protozoa with emphasis on form, structure, reproduction, physiology, metabolism, and identification of micro-organisms. Three hours of lecture.

BIOS 320L: General Microbiology Laboratory 1 cr.
Prerequisite: Credit or registration in BIOS 320. The experiments in the laboratory are integrated with lecture for an introductory course in microbiology. Emphasis will be on microscopy, microbial morphology, staining methods, use of various microbial media, pure culture techniques, biochemical activities of various microbes, characterization of unknown bacteria cultures, and bacterial and animal virus propagation. One hour of laboratory instruction, and two hours of lab.

BIOS 321: Immunology 3 cr.
Prerequisite: BIOS 363 and credit or registration for credit in BIOS 321L. Introduction to the study of immunological and antigen antibody reactions with emphasis on immunochemistry, biological and clinical aspects. Three hours of lecture.

BIOS 321L: Immunology Laboratory 1 cr.
Prerequisite: Credit or registration in BIOS 321. Current immunological and serological procedures with emphasis on clinical and biological aspects. One hour of laboratory instruction, and two hours of lab.

BIOS 330: Cell Biology 3 cr.
Prerequisites: BIOS 363, CHEM 266. An investigation of the structure and function of cells. Contemporary ideas of the ultrastructure, chemistry, biology, and physiology of moneran, plant, and animal cells are presented. Three hours of lecture.

BIOS 330L: Cell Biology Laboratory 1 cr.
Prerequisite: Credit or registration in BIOS 330. Modern techniques of investigation of cell structure and function. Microscopy, isolation of cell organelles, cytochemistry, and biochemical methodology are included. Three hours of lab.

BIOS 334: Histology 3 cr.
Prerequisite: BIOS 222. Morphology of tissues in plants and animals stressing relationship of form to function. Three hours of lecture.

BIOS 334L: Histology Laboratory 1 cr.
Prerequisite: Credit or registration in BIOS 334. Microscopic study of plant and animal tissues. Three hours of lab.

BIOS 340: Vascular Plant Morphology 3 cr.
Prerequisite: BIOS 224 and credit or registration in BIOS 340L. A survey of vascular plants, combining the basic concepts of vascular plant morphology with organography, anatomy, life histories, and evolutionary relationships. Three hours of lecture.

BIOS 340L: Vascular Plant Morphology Laboratory 1 cr.
Prerequisite: Credit or registration for credit in BIOS 340. Provides the opportunity to examine living, preserved and fossil specimens of all major vascular plant groups. It is designed to both correlate and supplement BIOS 340. Three hours of lab.

BIOS 341: Introduction to Marine Zoology 4 cr.
Prerequisites: BIOS 222 and permission of instructor. Survey of marine animals, particularly those of the LA Gulf Coast, including classification, morphology, and ecology. Offered summers only at the LA Universities Marine Consortium (LUMCON) facility.

BIOS 345: Plant Physiology 3 cr.
Prerequisite: BIOS 224, CHEM 265, and credit or registration for credit in BIOS 345L. The study of plant function, including soil and water relationships, plant biochemistry, development and environmental physiology. Three hours of lecture.

- BIOS 345L: Plant Physiology Laboratory** **1 cr.**
Prerequisite: Credit or registration for credit in BIOS 345. Introduction to laboratory techniques of investigation of plant physiological function. Three hours of laboratory per week.
- BIOS 350: Plant Pathology** **3 cr.**
Prerequisite: BIOS 224. A study of diseases in plants, the role of environment in disease development, the genetic and biochemical nature of host-parasite interactions, and the methods of disease control. Emphasis will be placed on diseases affecting crops and ornamentals in Louisiana. Three hours of lecture.
- BIOS 350L: Plant Pathology Laboratory** **1 cr.**
Prerequisite: Credit or registration in BIOS 350. A course designed to provide the laboratory training necessary to study disease in plants, the role of the environment in disease development, the genetic and biochemical nature of host-parasite interactions, and the methods of disease control. Three hours of lab.
- BIOS 351: Medical Microbiology** **3 cr.**
Prerequisite: BIOS 320. An introduction to the essentials of Medical Microbiology with emphasis on antimicrobial agents, immunology, bacteria, fungi, viruses, and medical parasitology. Three hours of lecture.
- BIOS 351L: Medical Microbiology Laboratory** **1 cr.**
Prerequisite: Credit or registration for credit in BIOS 351. A comprehensive course in identification of medically important bacteria, fungi, viruses, protozoans, helminths and arthropod vectors. One hour of laboratory instruction and two hours of laboratory
- BIOS 355: Dinosaurs** **3 cr.**
Prerequisite: Twelve semester hours of biology or consent of the department. A broad study of the major groups of dinosaurs and related reptiles of the world, including the biology, morphology, taxonomy, and ecology of each group. Three hours of lecture.
- BIOS 360: General Entomology** **3 cr.**
Prerequisite: BIOS 222 and credit or registration for credit in BIOS 360L. A systematic study of the biology of insects and related arthropods including their anatomy, morphology, physiology, development, taxonomy, ecology, and life histories. Additional emphasis will be placed on the relation of insects to humans in agriculture and medicine. Three hours of lecture.
- BIOS 360L: General Entomology Laboratory** **2 cr.**
Prerequisite: Credit or registration for credit in BIOS 360. Field and laboratory study of the characteristics, ecology, life histories, collection, and preservation of insects. Six hours of lab.
- BIOS 363: Principles of Genetics** **3 cr.**
Prerequisite: Credit or registration for credit in BIOS 363L. Fundamental laws of heredity as applied to both plants and animals. A basic course for the student concentrating in biological sciences, medicine, allied health fields, agriculture, psychology, or secondary education. Three hours of lecture.
- BIOS 363L: Principles of Genetics Laboratory** **1 cr.**
Prerequisite: Credit or registration for credit in BIOS 363. The laboratory course provides the opportunity to apply basic genetic principles in analyses of various experiments. It is designed to both correlate and be a supplement to BIOS 363. Three hours of lab.
- BIOS 365: Herpetology** **3 cr.**
Prerequisite: BIOS 222 and credit or registration for credit in BIOS 365L. A systematic study of the major groups of reptiles and amphibians of the world, including the biology, taxonomy, and ecology of species occurring in the Ark-La-Tex. Three hours of lecture.
- BIOS 365L: Herpetology Laboratory** **1 cr.**
Prerequisite: BIOS 222 and credit or registration for credit in BIOS 365. Identification of major groups of reptiles and amphibians of the world with emphasis on the species found in the Ark-La-Tex. Field work will involve taxonomy, systematics, and ecology of local species. Three hours of lab.
- BIOS 370: Animal Behavior** **3 cr.**
Prerequisite: BIOS 222 and credit or registration for credit in BIOS 370L. A study of the observable activity of organisms in response to internal and environmental stimuli. Included will be discussions of the genetic, anatomical, environmental, and evolutionary influences on the behavioral repertoires of motile organisms. Three hours of lecture.
- BIOS 370L: Animal Behavior Laboratory** **1 cr.**
Prerequisite: Credit or registration for credit in BIOS 370. The laboratory enables the student to conduct experiments in both the field and laboratory and discuss the behavior patterns observed. Opportunity will be provided for individual work through a required field or laboratory investigation of some behavioral problem. Three hours of lab.
- BIOS 371: Plant Systematics** **2 cr.**
Prerequisite: BIOS 224 and credit or registration for credit in BIOS 371L. The identification, classification, and nomenclature of the vascular plants with an emphasis on the native spring wild flowers of the Ark-La-Tex. Family characteristics, phylogenetic relationships, terminology, and economic importance will be stressed. Two hours of lecture.
- BIOS 371L: Plant Systematics Laboratory** **2 cr.**
Prerequisite: Credit or registration for credit in BIOS 371. Laboratory study emphasizing plant identification by use of dichotomous keys and recognition to the generic and family levels. Current techniques, e.g., chemical taxonomy and cytotoxicity, will be examined. Field study will be various plant communities in northwest Louisiana and one weekend trip to Arkansas. Six hours of lab.
- BIOS 372: Comparative Anatomy of Vertebrates** **2 cr.**
Prerequisite: BIOS 222 and credit or registration for credit in BIOS 372L. A study of vertebrate anatomy based on recent representatives of the living vertebrate classes. Emphasis is on anatomy and anatomical evidence for current concepts of evolutionary relationships of vertebrates. Two hours of lecture.
- BIOS 372L: Comparative Anatomy of Vertebrates Laboratory** **2 cr.**
Prerequisite: Credit or registration for credit in BIOS 372. Individual study and dissection of selected representatives of the recent vertebrate classes. Six hours of lab.
- BIOS 374: Invertebrate Zoology** **3 cr.**
Prerequisite: Twelve hours of biological sciences including BIOS 222 and credit or registration for credit in BIOS 374L or consent of the department. Focuses on taxonomy, morphology, physiology, embryology, ecology, and life histories of the invertebrates, protozoa through protochordates. Three hours of lecture.

- BIOS 374L: Invertebrate Zoology Laboratory** **1 cr.**
Prerequisite: Credit or registration for credit in BIOS 374. Laboratory investigation of taxonomy, morphology, physiology, embryology, ecology, and life histories of invertebrates, protozoa through protochordates. Three hours of lab.
- BIOS 375: Vertebrate Embryology** **3 cr.**
Prerequisite: BIOS 363 and credit or registration for credit in BIOS 375L. A study of embryological development from molecular genetics to adult growth and aging. Lectures will include information on all recent vertebrate classes. Three hours of lecture.
- BIOS 375L: Vertebrate Embryology Laboratory** **1 cr.**
Prerequisite: Credit or registration for credit in BIOS 375. A descriptive study of the development of amphibian, avian, and mammalian embryos. Three hours of lab.
- BIOS 376: Vertebrate Natural History** **3 cr.**
Prerequisite: BIOS 222 and credit or registration for credit in BIOS 376L. A study of the characteristics, life histories, and evolution of representatives of all vertebrate classes. Three hours of lecture.
- BIOS 376L: Vertebrate Natural History Laboratory** **1 cr.**
Prerequisite: Credit or registration for credit in BIOS 376. Field and laboratory study of the characteristics, ecology, and life histories of local species of vertebrates. Three hours of lab.
- BIOS 380: Animal Parasitology** **3 cr.**
Prerequisite: BIOS 222 and credit or registration for credit in BIOS 380L. The general principles of parasitology: morphology, life history, and classification of parasites, and their host relationships. Recommended for students pursuing allied health professions. Three hours of lecture.
- BIOS 380L: Animal Parasitology Laboratory** **1 cr.**
Prerequisite: Credit or registration for credit in BIOS 380. Laboratory investigations of the morphology, life history, and classification of parasites with emphasis on techniques of collecting and examining parasites. Three hours of lab.
- BIOS 387: General Physiology** **3 cr.**
Prerequisite: CHEM 124, 124L; and credit or registration for credit in BIOS 387L. Introduction to the study of homeostatic principles in plants and animals. Integration of chemical and physical processes in biological systems will be presented. Three hours of lecture.
- BIOS 387L: General Physiology Laboratory** **1 cr.**
Prerequisite: Credit or registration in BIOS 387. Introduction to laboratory techniques of investigation and observation of physiological functions of plants and animals. One hour laboratory instruction and two hours of lab.
- BIOS 430: Molecular Biology** **3 cr.**
Prerequisite: BIOS 330 and CHEM 265. Study of the relationship between the three-dimensional structure and function of proteins and nucleic acids. Topics will include the following: physical methods for the study of macromolecules; protein folding motifs and mechanisms of folding; molecular recognition; DNA topology, replication, repair and recombination; RNA synthesis and processing; genetic code and translation; and molecular mechanisms for regulation of gene expression. Three hours of lecture.
- BIOS 430L: Molecular Biology Laboratory** **2 cr.**
Prerequisite: Credit or registration for credit in BIOS 430. Training in the experimental techniques of molecular biology. Methods taught will include macromolecular purification, electrophoretic analysis, recombinant DNA and cloning techniques, DNA sequencing, polymerase chain reaction, and the use of computers and national databases for the analysis of DNA and protein sequences. One hour of lecture and three hours of lab.
- BIOS 435: Ornithology** **3 cr.**
Prerequisites: BIOS 222 and credit or registration for credit in BIOS 435L. A systematic study of the major groups of birds of the world, including the biology, taxonomy, and ecology, of species occurring in the Ark-La-Tex. Three hours of lecture.
- BIOS 435L: Ornithology Lab** **1 cr.**
Prerequisites: Credit or registration for credit in BIOS 435. Identification of the major groups of birds of the world, including the biology, taxonomy, and ecology, of species occurring in the Ark-La-Tex. Fieldwork will involve the identification, behavior and ecology of local species. Three hours of lab.
- BIOS 440: Principles of Ecology** **3 cr.**
Prerequisite: Credit or registration for credit in BIOS 440L, or consent of the department. Fundamental interrelationships between living organisms and the nonliving environments with stress on ecosystem dynamics. Three hours of lecture.
- BIOS 440L: Principles of Ecology Laboratory** **1 cr.**
Prerequisite: Credit or registration in BIOS 440. Techniques in ecological interpretation and mensuration. One hour of laboratory instruction, and two hours of lab.
- BIOS 446: Aquatic Biology** **3 cr.**
Prerequisite: Credit or registration for credit in BIOS 446L. A study of the physical, chemical, and biological systems of fresh, estuaries, and marine waters. Three hours of lecture.
- BIOS 446L: Aquatic Biology Laboratory** **1 cr.**
Prerequisites: Credit or registration for credit in BIOS 446. Practical application of the principles discussed in BIOS 446 with emphasis on field work and identification of the biota of various aquatic habitats. Three hours of lab.
- BIOS 450: Marine Ecology** **4 cr.**
Prerequisites: BIOS 222, introductory chemistry and consent of the department. Study of the relationships of marine and estuarine organisms to environmental factors, the interactions among organisms, and ecological processes of energy and materials flow. Emphasis will be on the communities and ecosystems of the Louisiana coastal zone. Offered summers only at the Louisiana University Marine Consortium (LUMCON) facility.
- BIOS 451: Marine Microbiology** **4 cr.**
Prerequisite: Twelve term hours of biology and consent of the department. Introduction to estuaries and marine microbes with emphasis on bacteria and fungi. Topics include classification, methodology. Roles in marine ecosystems, biogeochemical cycles and diseases of marine animals. Offered summers only at the Louisiana University Marine Consortium (LUMCON) facility.

- BIOS 452: Marine Botany** **4 cr.**
Prerequisites: Twelve term hours of biology, including some botany and consent of the department. Study of marine and coastal algae and vascular plants, including classification, morphology, life cycles, and ecology. Offered summers only at the Louisiana University Marine Consortium (LUMCON) facility.
- BIOS 454: Coastal Marine Geology** **4 cr.**
Prerequisite: GEOL 105 and consent of the department. Geomorphologic features of estuaries, coastal and continental shelf environments, erosional, depositional and geochemical processes, and field and laboratory methods. Offered summers only at the Louisiana University Marine Consortium (LUMCON) facility.
- BIOS 455: Marine Vertebrate Zoology** **4 cr.**
Prerequisites: Sixteen term hours of biology, including some zoology and consent of department. General study of the marine chordates with particular emphasis on the fishes, including classification, structure, function and ecology. Offered summers only at the Louisiana University Marine Consortium (LUMCON) facility.
- BIOS 460: Microbial Genetics** **3 cr.**
Prerequisite: BIOS 363 and one of the following: BIOS 320, BIOS 330, or BCHM 410. Biochemical description of genetic processes in microorganisms. Topics include transformation, conjugation, transduction, replication, recombination, genome organization, gene regulation, and recombinant DNA. Three hours of lecture.
- BIOS 462: Astrobiology** **3 cr.**
Prerequisite: CHEM 265. A multidisciplinary study of the origin and search for life in the universe. Topics include the chemical origin of life, planetary evolution, search for extra-solar planetary systems and habitable worlds, search for life in the solar system, and search for intelligent life in the universe.
- BIOS 465: Applied Biotechnology** **3 cr.**
Prerequisites: BIOS 330 and BIOS 330L. A laboratory based course in which students will gain experience in the principal techniques of recombinant DNA technology. One hour of lecture and six hours of lab per week.
- BIOS 470: Evolution** **3 cr.**
A study of the theories and mechanisms of organic evolution. Three hours of lecture.
- BIOS 471: Biogeography** **3 cr.**
The geographical distributions of major groups of plants and animals will be studied with regard to mechanisms and routes of dispersal, centers of origin, environmental factors, continental drift, and paleontology. Three hours of lecture.
- BIOS 472: Ecosystems Interactions** **3 cr.**
Prerequisites: BIOS 224, or consent of the Department. Ecosystems Interactions focuses on the interactions of biotic and abiotic factors, particularly climate, soils, and vegetation, which characterize the world's biomes. An emphasis will be placed on how these factors influence the predictable patterns found in the distribution and characteristics of the world's biota. Three hours of lecture.
- BIOS 480: Endocrinology** **3 cr.**
Prerequisite: BIOS 330. The nature of hormones, hormonal mechanisms, feedback processes, and hormonal functions. Some clinical applications will be presented. Three hours of lecture.
- BIOS 485: Comparative Animal Physiology** **3 cr.**
Prerequisite: CHEM 266, 266L, BIOS 330, or consent of the department and credit or registration for credit in BIOS 485L. A comparative study of physiological mechanisms and specialization in animals; ways in which diverse animals perform similar functions. Three hours of lecture.
- BIOS 485L: Comparative Animal Physiology Laboratory** **1 cr.**
Prerequisite: Credit or registration for credit in BIOS 485. Investigative study of physiological mechanisms of animals. One hour of laboratory instruction and two hours of lab.
- BIOS 490: Special Topics in Biological Sciences** **1-3 cr.**
Prerequisite: Consent of the department. In depth study of special areas in the biological sciences. May be repeated when the topics vary. If the course contains a laboratory component, students must participate in both lecture and lab to earn credit for the course. One to three hours of lecture and/or zero to four hours of lab.
- BIOS 491: Research** **1 cr.**
Prerequisite: Consent of the department chairman. Laboratory and/or research. Grading in this course is on pass/no credit basis. May be repeated. Three hours per week.
- BIOS 492: Honors Thesis** **2 cr.**
Prerequisites: Twenty-four hours credit in biological sciences and an invitation from the department chairman. The student must also make a commitment to enroll in BIOS 493. The student will initiate a research project by selecting a specific area of study, conducting a thorough survey of the literature of the topic and presenting a written outline of the objectives and methods, with a bibliography of the proposed research. The proposed research will not duplicate previously published studies. One hour of conference and five hours of library and/or laboratory per week.
- BIOS 493: Honors Thesis** **2 cr.**
Prerequisite: Credit for BIOS 492. The student will complete a research project initiated in BIOS 492. A finished report in the format and style of a manuscript publishable in a professional scientific journal will be submitted to the advisor, reviewed by the student and advisor and revised by the student. The student will present the results and conclusion of his or her research in a style appropriate for a scientific meeting. One hour of conference and five hours of laboratory per week.
- BIOS 494: Advanced Field Biology** **3 cr.**
Prerequisite: BIOS 291 and consent of the department. Advanced training in field techniques required to study the flora and/or fauna and community characteristics of a particular biotic environment. Participants will be expected to work on a group research project as well as specialize in the collection and proper handling and curation of a specific group of organisms. Field work will be completed during a two- or three-week field trip. May be repeated for credit.
- BIOS 495: Seminar** **1 cr.**
Prerequisite: Senior standing. An in-depth study of a particular topic in biology. One hour of recitation-discussion. May be repeated for credit two times.

- BIOS 630: Molecular Biology** **3 cr.**
 Prerequisite: Consent of the department. Study of the relationship between the three-dimensional structure and function of proteins and nucleic acids. Topics will include the following: physical methods for the study of macromolecules; protein folding motifs and mechanisms of folding; molecular recognition; DNA topology, replication, repair, and recombination; RNA synthesis and processing; genetic code and translation; and molecular mechanisms for regulation of gene expression. Three hours of lecture.
- BIOS 631L: Molecular Biology Laboratory** **2 cr.**
 Prerequisite: Credit or registration in BIOS 630. Training in the experimental techniques of molecular biology. Methods taught will include macromolecular purification, electrophoretic analysis, recombinant DNA and cloning techniques, DNA sequencing, polymerase chain reaction, and the use of computers and national databases for the analysis of DNA and protein sequences. One hour of lecture and three hours of lab.
- BIOS 640: Principles of Ecology** **3 cr.**
 Prerequisite: BIOS 345 or 387 and credit or registration for credit in BIOS 640L. Fundamental interrelationships between living organisms and the nonliving environment with emphasis on ecosystem dynamics. Three hours of lecture.
- BIOS 640L: Principles of Ecology Laboratory** **1 cr.**
 Prerequisite: Credit or registration in BIOS 640. Techniques in investigation and interpretation of ecological data. One hour of laboratory instruction and two hours of lab.
- BIOS 646: Aquatic Biology** **3 cr.**
 Prerequisite: Credit or registration for credit in BIOS 646L. A study of the physical, chemical, and biological systems of fresh, estuaries, and marine waters. Three hours of lecture.
- BIOS 646L: Aquatic Biology Laboratory** **1 cr.**
 Prerequisite: Credit or registration for credit in BIOS 646. Practical application of the principles discussed in BIOS 646 with emphasis on field work and identification of the biota of various aquatic habitats. Three hours of lab.
- BIOS 660: Microbial Genetics** **3 cr.**
 Prerequisite: Consent of the department. Biochemical description of genetic processes in microorganisms. Topics include transformation, conjugation, transduction, replication, recombination, genome organization, gene regulation, and recombinant DNA. Three hours of lecture.
- BIOS 665: Applied Biotechnology** **3 cr.**
 A laboratory based course that will enable students to gain experience in the basic techniques of molecular biology. The graduate course also requires students to demonstrate their ability to write a grant proposal describing molecular biology investigations.
- BIOS 670: Evolution** **3 cr.**
 Prerequisite: Consent of the department. A study of the theories and mechanisms of organic evolution. This course will have particular value for those students who wish to pursue a graduate degree in Biological Science Education. Three hours of lecture.
- BIOS 671: Biogeography** **3 cr.**
 Prerequisite: Consent of the department. The geographic distribution of major groups of plants and animals will be studied with regard to mechanisms and routes of dispersal centers of origin, environmental factors, continental drift, and paleontology. This course will have particular value for those students who wish to pursue a graduate degree in Biological Science Education. Three hours of lecture.
- BIOS 690: Special Topics in Biological Sciences** **1-3 cr.**
 Prerequisite: Consent of the department. In-depth study of special areas in the biological sciences. May be repeated for credit when the topics vary. One to three hours of lecture.
- BIOS 701: Introduction to Molecular Biology I** **3 cr.**
 This course is intended to provide master's degree-seeking students in System Technology a solid foundation in molecular biology in preparation for their pursuit of a bioinformatics concentration. Topics covered include cellular biochemistry, metabolic pathways responsible for energy generation and biosynthesis, protein structure, enzymes, and metabolic regulation. Three hours of lecture.
- BIOS 703: Introduction to Molecular Biology II** **3 cr.**
 Prerequisite: BIOS 701 or consent of the department. This course is the second in a molecular biology series intended to provide master's degree-seeking students in System Technology a solid foundation in molecular biology in preparation for their pursuit of a bioinformatics concentration. Topics covered include structure and function of the genetic apparatus of the cell, including DNA replication, repair, and recombination, transcription and RNA processing, protein synthesis, gene regulation, and recombinant DNA technology. Three hours of lecture.
- BIOS 720: History of Science** **3 cr.**
 Prerequisite: Consent of the department. Covers the growth of science from ancient Greece to the 20th Century and its impact on the development of western civilization. Emphasis is placed on the biological and chemical sciences. Three hours of lecture. Also listed as HIST 720.
- BIOS 735: Biology Seminar** **1 cr.**
 Prerequisite: Consent of the Department. Selected topics from current issues and problems in modern biology based on the primary literature. This course is designed to help the student read, understand, interpret and qualify scientific texts. This course will help train students to find and select essential texts using both literature references (from an initial text), and computer-based databases and to present the material in an oral and written format. One hour of recitation and discussion.
- BIOS 740: Ecological Methodology** **3 cr.**
 Prerequisites: BIOS 440 or equivalent or consent of the department. BIOS 740 will emphasize the methodology for estimating abundance in animal and plant populations, sampling and experimental design, estimating community parameters, and life tables and survivorship estimations. Three hours of lecture.
- BIOS 745: Plant Molecular Biology** **3 cr.**
 Prerequisites: Previous course work in plant physiology, biochemistry and molecular biology. The impact of genetic engineering on agriculture. Methods of transformation, antisense technology, gene regulation, plant tissue culture, the chloroplast genome, transposable elements, and the prospects for crop improvement. The course will include the critical reading of relevant research papers. Three hours of lecture.

BIOS 753: Marine Science for Teachers	4 cr.
Prerequisite: BIOS 222. Survey of the marine sciences, field and classroom techniques for the teaching of marine science at secondary school levels. Offered summers only at the Louisiana University Marine Consortium (LUMCON) facility.	
BIOS 750: Ecotoxicology	3 cr.
Prerequisite: Consent of the department. A study of the chemical properties, mode of action, detection and environmental fate of the major pesticides. Three hours of lecture.	
BIOS 760: Human Genetics for Teachers	3 cr.
Prerequisite: Consent of the department. Study of human inheritance patterns, genetic disorders, genetic screening and counseling, social impact of genetics, and current research. Three hours of lecture.	
BIOS 785: Selected Topics in Biology	3 cr.
May be repeated for credit when the topics vary. Special topics to be selected from areas such as botany, genetics, microbiology, or zoology. Three hours of lecture.	
BIOS 786: Independent Research	1-3 cr.
Prerequisite: Consent of the department. Library, laboratory, or field research under the guidance of a departmental advisor. May be repeated for credit for a maximum of six term hours. Three hours of research per credit.	
BIOS 790: Special Topics in Biology	3 cr.
Special topics in Biology which may be repeated as topics vary from term to term.	
BIOS 795: Independent Study in Biology	3 cr.
Independent study in biology. An independent project or study directed by an assigned faculty member.	
BIOS 799: Thesis	1-3 cr.
Thesis. Research project carried out under the supervision of assigned faculty member. Grading on this course is a pass/no credit basis. May be repeated.	

BUSINESS ADMINISTRATION

BADM 775: Graduate Internship in Business	3 cr.
Prerequisites: Regular standing in the MBA program, maintenance of a minimum 3.0 overall GPA, and approval of the business internship director. The director works with the student to find an internship experience that matches the student's professional interests. Students will not receive credit for an existing job. Requires a graduate faculty mentor and written reports detailing the objectives, progress, and completion of internship goals. Three hours of credit on a pass/no credit basis. Three hours of laboratory per credit hour.	
BADM 790: Graduate Seminar in Business	3 cr.
Prerequisite: Consent of the MBA director. Exploration and analysis of selected problems and issues in business administration. Course content necessarily changes with each term as current issues in different areas are discussed. Three hours of seminar.	
BADM 791: Graduate Executive Special Topics in Strategy	1 cr.
Prerequisite: Admitted to the MBA ET program. Exploration and analysis of current strategy topics appropriate for the executive role and position of General Manager (i.e. business unit manager, company CEO or President, or other applicable title). Course content can change with each term as current issues in strategy change.	
BADM 792: Graduate Executive Special Topics in Management	1 cr.
Prerequisite: Admitted to the MBA ET program. Exploration and analysis of current management topics appropriate for the executive role and position of General Manager (i.e. business unit manager, company CEO or President, or other applicable title). Course content can change with each term as current issues in management change.	
BADM 793: Graduate Executive Special Topics in Marketing and Value Creation	1 cr.
Prerequisite: Admitted to the MBA ET program. Exploration and analysis of current marketing topics appropriate for the executive role and position of General Manager (i.e. business unit manager, company CEO or President, or other applicable title). Course content can change with each term as current issues in marketing change.	
BADM 794: Graduate Executive Special Topics in Finance	1 cr.
Prerequisite: Admitted to the MBA ET program. Exploration and analysis of current finance topics appropriate for the executive role and position of General Manager (i.e. business unit manager, company CEO or President, or other applicable title). Course content can change with each term as current issues in finance change.	
BADM 796: Graduate Executive Special Topics in Economics and Politics	1 cr.
Prerequisite: Admitted to the MBA ET program. Exploration and analysis of current economic and political topics appropriate for the executive role and position of General Manager (i.e. business unit manager, company CEO or President, or other applicable title). Course content can change with each term as current issues in economics and politics change.	
BADM 797: Graduate Executive Special Topics – Other for Competitive Advantage	1 cr.
Prerequisite: Admitted to the MBA ET program. Exploration and analysis of current other topics in business appropriate to an understanding of competitive advantage appropriate for the executive role and position of General Manager (i.e. business unit manager, company CEO or President, or other applicable title). Course content can change with each term as newer current issues in business change.	
BADM 798: Graduate Executive Special Topics in Information Technology	1 cr.
Prerequisite: Admitted to the MBA ET program. Exploration and analysis of current information technology topics appropriate for the executive role and position of General Manager (i.e. business unit manager, company CEO or President, or other applicable title). Course content can change with each term as current issues in information technology change.	

BUSINESS LAW

- BLAW 230: Personal Law** 3 cr.
A practical course designed to help individuals gain better awareness and understanding of basic legal problems encountered in modern society. Topics covered include landlord-tenant relations, buying/selling real estate, civil procedure, torts, simple contracts, family law, students' rights and probate law. Three hours of lecture.
- BLAW 280: Legal Environment of Business** 3 cr.
Structure and function of the legal institutions in society and their relationship to business institutions including the following areas: Consumer protection, anti-trust, corporation reporting and securities, environment, employment and ethics. Three hours of lecture.
- BLAW 324: Real Estate Law** 3 cr.
Legal problems incident to ownership and transfer of real property, with special emphasis on Louisiana law. Three hours of lecture. Also listed as FIN 324.
- BLAW 332: Business Law I** 3 cr.
Prerequisite: BLAW 280. Study of contracts, property, agency and the basic legal principles of business organizations and operations, including practical comparison and assessment of the different kinds of business organizations. Three hours of lecture.
- BLAW 333: Business Law II** 3 cr.
Prerequisite: BLAW 280. Legal concepts and practices concerning the laws of the commercial transaction. Topics covered include sales and credit contracts, negotiable instruments, secured transactions, suretyship, insurance, and bankruptcy. Three hours of lecture.
- BLAW 340: Oil and Gas Law** 3 cr.
Prerequisite: Junior standing. An introduction to common law and civil law principles related to the oil and gas industry, with special emphasis on the Louisiana Mineral Code. Topics include mineral ownership rights, creation and conveyances of various forms of mineral interests, and oil and gas leases. Three hours of lecture.
- BLAW 415: Employment Law** 3 cr.
Prerequisite: BLAW 280. This course examines the developing body of modern employment law. Topics include the at-will doctrine, wrongful discharge, just cause, tort and breach of contract claims, invasion of privacy, ERISA, COBRA, OSHA, workers compensation, sexual harassment, state and federal employment discrimination laws, and other forms of protective legislation such as FMLA and FLSA. Three hours of lecture. Also listed as MADM 415.
- BLAW 420: International Law** 3 cr.
Prerequisite: BLAW 280 or consent of the department. Considers law from a variety of legal traditions. The structure and functions of the legal institutions of different countries and how they relate to international business. Study of international contracts, regulation of international trade, international business relationships, international conflicts and international commercial transactions. Three hours of lecture.
- BLAW 460: Ethics in Health Care** 3 cr.
This course is designed to explore a variety of legal issues that arise in the provision of health care in the United States. Three hours of lecture.
- BLAW 730: Healthcare Law and Ethics** 3 cr.
Prerequisite: BLAW 280 or consent of the department. A seminar designed to explore a variety of the legal and ethical issues that arise in the provision of health care in the United States.

CHEMISTRY

Co-requisites: Unless approval of the Chairman of the Department is obtained, the student may not continue in a course if a co-requisite course has been dropped.

Placement: A student whose curriculum requires more than one year of chemistry should take Chemistry 121, 121L, 124, and 124L.

- CHEM 106: Environmental Chemistry*** 3 cr.
A survey of selected chemistry topics with attention given to recent discoveries and application, including the environmental impact of chemical technology. Not intended for the student who wishes to pursue work in any of the areas of physical sciences. May not be substituted for the basic course in any of these fields. Three hours of lecture. Also listed as PHSC 106.
- CHEM 106L: Introductory Chemistry Laboratory** 1 cr.
Prerequisite: Registration or credit in CHEM 110 or 106. This course is designed to enhance the student's knowledge of chemistry laboratory techniques, especially those which illustrate the importance of chemistry in everyday life. Laboratory experiments will consider water purification, preparation of detergents and perfumes, analysis of milk, vitamin and mineral content in foods, radioactivity, acid rain, and the study of aspirin, caffeine, and fermentation. This introductory laboratory will not substitute for CHEM 121L. One hour of instruction and two hours of lab. Also listed as PHSC 106L.
- CHEM 110: Introductory Chemistry*** 3 cr.
An introduction to inorganic chemistry including structure and bonding, the periodic chart, chemical reactivity, states of matter, solutions, and nuclear reactions. The CHEM 110, 112 sequence is designed for curricula requiring only one year of college chemistry. Three hours of lecture.
- CHEM 112: Survey of Organic and Biochemistry*** 3 cr.
Prerequisite: CHEM 110 or 121. This course includes organic and basic biochemistry, and is intended for students in curricula requiring only one year of college chemistry. Three hours of lecture.
- CHEM 112L: Organic and Biochemistry Laboratory** 1 cr.
Prerequisite: CHEM 121L and credit or registration in CHEM 112. Experiments in general, organic, and biochemical reactions. One hour of instruction and two hours of lab.

- CHEM 121: General Chemistry*** **3 cr.**
Prerequisite: MATH 121 (or higher); it is also strongly suggested that students should have completed a course in high school chemistry or CHEM 110. A fundamental course in inorganic chemistry including atomic structure, chemical bonding, stoichiometry, chemical reactions, thermochemistry, electronic configurations, molecular geometry, molecular orbitals, and gases. Three hours of lecture.
- CHEM 121L: General Chemistry Laboratory** **1 cr.**
Prerequisite: Credit or registration in CHEM 121. A laboratory course in fundamental chemical operations including density, stoichiometry, heat laws, gas laws, molecular weights, and basic chemical reactivity. One hour of instruction and two hours of lab.
- CHEM 124: Inorganic Chemistry and Chemical Equilibrium*** **3 cr.**
Prerequisite: CHEM 121 or 110 and consent of the department. A continuation of CHEM 121 including inorganic chemistry, solutions, solids, liquids, kinetics, equilibrium, thermodynamics, and electrochemistry. The student who plans to pursue a curriculum which requires more than one year of chemistry should take CHEM 124. Three hours of lecture.
- CHEM 124L: Inorganic and Analytical Chemistry** **1 cr.**
Prerequisite: CHEM 121L and credit or registration in CHEM 124. The course is a combination of qualitative and quantitative techniques dealing with kinetics, equilibrium, solubility, electrochemistry, acids and bases, complexation, and qualitative analysis of ions. One hour of instruction and two hours of lab.
- CHEM 255: Analytical Chemistry** **3 cr.**
Prerequisite: CHEM 124. Basic principles and practices of modern methods of analysis. Three hours of lecture.
- CHEM 255L Analytical Chemistry Laboratory** **1 cr.**
Prerequisite: CHEM 124L and 255 or concurrent enrollment in CHEM 255. Experiments in modern methods of analysis. Three hours of lab.
- CHEM 265: Organic Chemistry I** **3 cr.**
Prerequisite: CHEM 124. A fundamental course for majors in premedicine, biological sciences, or chemistry. Structure, nomenclature, chemical properties, and physical properties (including UV, IR, and NMR) of selected classes of organic compounds. Reaction mechanisms emphasis along with correlation and identification of these compounds. Three hours of lecture.
- CHEM 265L: Organic Chemistry Laboratory I** **1 cr.**
Prerequisites: CHEM 124L and credit or registration in CHEM 265. An introduction to modern and classical organic laboratory techniques of purification and identification of organic compounds employed in selected experiments that introduce reaction mechanisms and synthesis. Theory and practice of extraction, distillation, and chromatography (TLC, column, GLC). One hour of lecture and two hours of laboratory work.
- CHEM 266: Organic Chemistry II** **3 cr.**
Prerequisite: CHEM 265. Optical isomerism and heterocyclic compounds containing nitrogen, and/or oxygen, and/or sulfur and to a lesser degree, compounds containing phosphorus or silicon. Three hours of lecture.
- CHEM 266L: Organic Chemistry Laboratory II** **1 cr.**
Prerequisites: CHEM 265L and credit or registration in CHEM 266. A continuation of CHEM 265L with an emphasis on the applications of chromatography, spectroscopy, and other techniques in studies of organic reaction mechanisms, synthesis, and structure elucidation. Brief theory and practice of spectroscopy (UV-Vis, IR, NMR, Mass). One hour of lecture and two hours of laboratory work.
- CHEM 290: Undergraduate Research** **1 cr.**
Prerequisite: Consent of the department. Introduction to laboratory and library research. Three hours per week.
- CHEM 301: Chemistry Literature** **1 cr.**
Use of chemical literature. One hour of lecture.
- CHEM 303: Physical Chemistry I** **4 cr.**
Prerequisites: MATH 222 and PHYS 262. Introduction to thermodynamics, and kinetic theory of gases. Three hours lecture and two hours recitation.
- CHEM 303L: Physical Chemistry Laboratory I** **2 cr.**
Prerequisite: Credit or registration in CHEM 303. Selected experiments in thermodynamics. One hour of lecture and three hours of lab.
- CHEM 304: Physical Chemistry II** **4 cr.**
Prerequisite: CHEM 303. Chemical kinetics and the introduction to the theories of atomic and molecular structure. Three hours of lecture and two hours of recitation.
- CHEM 304L: Physical Chemistry Laboratory II** **2 cr.**
Prerequisite: CHEM 303L and registration in CHEM 304. Selected experiments in kinetics, thermodynamics, atomic and molecular structure. One hour of lecture and three hours of lab.
- CHEM 366: Structure Elucidation of Organic Compounds** **2 cr.**
Prerequisite: CHEM 255L and 266L. Structure elucidation of organic molecules by chemical and instrumental methods. One hour of instruction and five hours of lab.
- CHEM 375: Descriptive Inorganic Chemistry** **3 cr.**
Prerequisite: CHEM 266. Basic descriptive inorganic chemistry dealing in a systematic way with the elements and the structures, properties and reactions of their inorganic compounds. Topics range from coordination chemistry to organometallic chemistry to bioinorganic chemistry. Three hours of lecture.
- CHEM 409: Introduction to Chemical Physics** **3 cr.**
Prerequisites: CHEM 304 and MATH 223. A continuation of CHEM 304. Three hours of lecture.
- CHEM 415: Principles of Environmental Chemistry** **3 cr.**
Prerequisite: CHEM 255 and 266, PHYS 252, and three hours of biology, or consent of the department. Principles of chemistry and chemical technology pertinent to the environment. Topics include air and water quality; toxic, agricultural, and domestic chemicals; energy sources; waste disposal; and nuclear chemistry. Three hours of lecture.
- CHEM 430: Materials Science** **3 cr.**
Prerequisite: CHEM 304 or consent of the department. Topics studied include polymer chemistry, solid state chemistry, crystallography, and chemistry of modern materials. Three hours of lecture.

CHEM 456: Instrumental Analysis	3 cr.
Prerequisite: CHEM 304. Modern instrumental analysis. Three hours of lecture.	
CHEM 456L: Instrumental Analysis Laboratory	1 cr.
Prerequisite: Credit or registration in CHEM 456. One hour instruction and two hours of lab.	
CHEM 464: Intermediate Organic Chemistry	3 cr.
Prerequisites: CHEM 266 and 304. Selected topics in organic chemistry including reaction mechanisms, synthesis, and stereochemistry. Three hours of lecture.	
CHEM 467: Chemical Synthesis	2 cr.
Prerequisite: CHEM 266L. Laboratory preparation of inorganic, organic, and organometallic compounds using advanced laboratory techniques. One hour of lecture and five hours of lab.	
CHEM 470: Advanced Inorganic Chemistry	3 cr.
Prerequisite: Credit or registration in CHEM 304. Modern theoretical and structural inorganic chemistry. Three hours of lecture.	
CHEM 490: Independent Study	1-3 cr.
Prerequisite: Consent of the department. Laboratory and/or library research. Three hours of laboratory per credit hour.	
CHEM 495: Special Topics in Chemistry	1-3 cr.
Prerequisite: Consent of the Department. In-depth study of special areas in chemistry. May be repeated when topic varies. One to three hours of lecture.	
CHEM 609: Introduction to Chemical Physics	3 cr.
Prerequisites: CHEM 304 and MATH 223. A continuation of CHEM 304. Three hours of lecture.	
CHEM 615: Principles of Environmental Chemistry	3 cr.
Prerequisite: CHEM 255 and 266, PHYS 252, and three hours of biology—or consent of the department. Principles of chemistry and chemical technology pertinent to the environment. Topics include air and water quality; toxic, agricultural, and domestic chemicals; energy sources; waste disposal; and nuclear chemistry. Three hours of lecture.	
CHEM 630: Materials Science	3 cr.
Prerequisite: CHEM 304 or consent of the department. Polymer chemistry, solid state chemistry, crystallography, and chemistry of modern materials. Three hours of lecture.	
CHEM 656: Instrumental Analysis	2 cr.
Prerequisite: CHEM 304. Modern instrumental analysis. Two hours of lecture.	
CHEM 656L: Instrumental Analysis Laboratory	2 cr.
Prerequisite: Credit or registration in CHEM 656. One hour instruction and five hours of lab.	
CHEM 664: Intermediate Organic Chemistry	3 cr.
Prerequisites: CHEM 266 and 304. Selected topics in organic chemistry including reaction mechanisms, synthesis, and stereochemistry. Three hours of lecture.	
CHEM 667: Chemical Synthesis	2 cr.
Prerequisite: CHEM 266L. Laboratory preparation of inorganic, organic, and organometallic compounds using advanced laboratory techniques. One hour of lecture and two hours of lab.	
CHEM 670: Advanced Inorganic Chemistry	3 cr.
Prerequisite: Credit or registration in CHEM 304. Modern theoretical and structural inorganic chemistry. Three hours of lecture.	
CHEM 690: Independent Study	1-3 cr.
Prerequisite: Consent of the department. Laboratory and library research. One to three hours credit. May be repeated for up to a total of three credit hours. Three hours of laboratory per credit hour.	
CHEM 785: Selected Topics in Chemistry for Teachers	3 cr.
Prerequisite: CHEM 266. May be repeated for credit when topics vary. Topics chosen from modern developments in chemistry of particular value to science instruction. Three hours of lecture.	
CHEM 790: Special Topics in Chemistry	3 cr.
Special topics in Chemistry which may be repeated as topics vary from term to term.	
CHEM 795: Independent Study in Chemistry	3 cr.
Independent study in chemistry. An independent project or study directed by an assigned faculty member.	
CHEM 799: Thesis	3 cr.
Thesis. Research project carried out under the supervision of assigned faculty member. May be repeated.	

COMMUNICATIONS

COMM 125: Voice for Performance	3 cr.
This course is designed to assist the student in achieving professional skills in vocal quality, diction, intonation, and pronunciation. The skills learned should be applicable to broadcast media and performing arts. Three hours of lecture.	
COMM 135: Public Speaking*	3 cr.
Prerequisite: Credit or registration in ENGL 105. An introductory course in public speaking. Chief emphasis is placed on the delivery of carefully prepared speeches and major attention is given to such principles of public speaking as audience analysis, collection of materials, and outlining. Three hours of lecture.	
COMM 165: Forensics	1 cr.
The student will research, prepare, and present speeches for intercollegiate competition. May be repeated for a maximum of four hours. May not be taken simultaneously with COMM 365. Five hours of lab.	
COMM 201: Introduction to Communication Studies	3 cr.
Students will be introduced to theories and practices covering the breadth of the communication field including intrapersonal, interpersonal, mass media, small group, and advocacy forms of expression. The graduation portfolio will be explained and initial documents created. Three hours of lecture.	

- COMM 260: Introduction to the Theatre*** **3 cr.**
An introduction to the Theatre as an art form and to dramatic structure, forms, and style. The course emphasizes the collaborative nature of this art form. Three hours of lecture.
- COMM 261: Introduction to Acting*** **3 cr.**
A beginning acting class that concentrates on body awareness, voice production, and acting techniques. Three hours of lecture.
- COMM 262: Theatre Laboratory** **1 cr.**
Participation in LSUS sponsored or approved off-campus theatrical productions as a performer or technical staff member. Student will keep record of and analyze involvement in theatrical experiences. May be repeated for maximum of three hours.
- COMM 280: Theatre Production** **4 cr.**
Prerequisite: COMM 260 or consent of the department. This course will teach students about constructing theatre sets, implementing lighting designs, creating costumes, applying makeup, and handling properties. Students will be actively involved as crew members for the LSUS Black Box productions. Two hours of lecture and two hours of laboratory.
- COMM 290: Special Topics in Communication** **3 cr.**
A course exploring current issues, themes, and technologies in ways suitable for freshmen and sophomores. Topics will vary from offering to offering. May be repeated for a total of six term hours. Three hours of lecture.
- COMM 295: Communication Theories** **3 cr.**
Students will be introduced to a range of major theories that define the breadth of the communication field. Theories will include intrapersonal, interpersonal, small group, organizational, public, and mass communications at the introductory level. Applications and presentations using media are required. Three hours of lecture. Also listed as MCOM 295.
- COMM 320: Communication Research** **3 cr.**
A course designed to provide the student with the necessary skills and information to conduct basic research approaches that are widely utilized in the communications industry, and to understand the research reports which are provided to communications professionals. The student will learn basic statistics and research designs for laboratory, field, survey, content analysis, and historical approaches. Three hours of lecture. Also listed as MCOM 320.
- COMM 325: Oral Interpretation** **3 cr.**
Prerequisite: COMM 135 or consent of the department. Techniques of oral interpretation of various types of literature, especially drama. Though emphasis is placed on developing presentation skills of actors, there is also practical application to broadcast journalists and others who read material aloud. Three hours of lecture.
- COMM 330: Advanced Public Speaking** **3 cr.**
Prerequisite: COMM 135. A continuation of COMM 135 with special attention given to deliberative and ceremonial speaking. Development of skills and techniques of persuasion emphasized. Three hours of lecture.
- COMM 331: Advanced Argumentation** **3 cr.**
Prerequisite: COMM 135 or consent of the department. A continuation of COMM 135 with special attention given to deliberative and ceremonial speaking. Development of skills and techniques of persuasion emphasized. Three hours of lecture.
- COMM 333: Introduction to Health Communications** **3 cr.**
Prerequisite: COMM 135 or consent of the department. A course in oral communication designed for the student who plans to enter the administrative or medical aspect of the health care industry. Focus will be placed on communication strategies used interpersonally; in groups, and in the mass media as they relate to or are utilized by the health care industry. Three hours of lecture.
- COMM 355: Interpersonal Communications** **3 cr.**
Prerequisite: COMM 135 or consent of the department. A study of the one-on-one communication of individuals in a variety of settings with emphasis on the work place. Time will also be devoted to discussions and assignments relating to gender and cultural influences on interpersonal communication. Three hours of lecture.
- COMM 361: Intermediate Acting** **3 cr.**
Prerequisite: COMM 261 (or equivalent) or instructor permission. An intermediate acting class that concentrates on text analysis, psychological and emotional investigation, and effective physical and vocal production. Performance required. Three hours of lecture.
- COMM 363: Directing for the Stage** **4 cr.**
Prerequisite: COMM 260 or consent of the department. This course focuses on the theory and practice of selecting, designing, rehearsing, and presenting a play for public exhibition. Students will learn to analyze scripts, design appropriate stage environments, and cast and rehearse actors. Two hours of lecture and two hours of laboratory.
- COMM 365: Advanced Forensics** **1 cr.**
Prerequisite: COMM 165 or consent of the department. The student will perform advanced work in a variety of competitive debate formats, provide peer coaching to students enrolled in COMM 165, and travel as needed to participate in intercollegiate completion. May be repeated for a maximum of four hours. Five hours of lab.
- COMM 400: History of the Theatre through the Renaissance** **3 cr.**
The historical development of the Theatre from primitive tribes through the Greeks and the Renaissance. Three hours of lecture.
- COMM 401: History of the Theatre since the Renaissance** **3 cr.**
The historical development of the Theatre from the 16th Century to the present including the Avant-garde and Absurdist movements. Three hours of lecture.
- COMM 405: Propaganda and Mass Communication** **3 cr.**
A study and application of principal communication variables and theories relative to the formulation and presentation of propagandistic communication and the response of individuals and groups to these messages. Also listed as MCOM 405. Three hours of lecture.
- COMM 440: Organizational Communication** **3 cr.**
Prerequisite: COMM 135 or consent of the department. A course designed for business/professional individuals and/or students. Offering a wide range of communication skills, the course focuses on listening, intercultural communication, interviewing, group leadership and participation, making presentations, and conflict management, as they apply to the various organizational arenas. Three hours of lecture.

- COMM 455: Group Dynamics** **3 cr.**
The study of the nature and composition of task-oriented small groups with special emphasis on the patterns of communication used to solve problems in the group process. Three hours of lecture.
- COMM 490: Seminar in Communications** **3 cr.**
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Selected topics from the fields of journalism and speech will vary from term to term. Three hours of seminar.
- COMM 495: Independent Studies in Communications** **3 cr.**
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the Speech or Journalism faculty. Three hours of research.
- COMM 497: Collaboration in Theatre** **3 cr.**
Prerequisite: COMM 261. Students are introduced to theories and practices involved in collaboration in theatrical rehearsal and performance. Students learn basic methods for successful collaboration between the director, actors, designers, the stage managers, technicians and others such as playwrights, choreographers, composers, etc. Students receive practical experience through the preparation of scripted and improvised scenes and a group project. One hour of lecture and two hours of lab.
- COMM 498: Senior Seminar** **1 cr.**
Prerequisite: Senior Standing and consent of the department. Students majoring in Mass Communications will prepare a professional portfolio, schedule and participate in a media-assisted individual public presentation, develop a professional resume, and complete at least one (1) job interview. A copy of the portfolio will remain with the department for assessment purpose. One hour of seminar. Also listed as MCOM 498.
- COMM 600: History of the Theatre through the Renaissance** **3 cr.**
The historical development of the theatre from primitive tribes through the Greeks and the Renaissance. Three hours of lecture.
- COMM 601: History of the Theatre since the Renaissance** **3 cr.**
The historical development of the theatre from the 18th century to the present including the Avant-garde and Absurdist movements. Three hours of lecture.
- COMM 605: Propaganda and Mass Communication** **3 cr.**
Focus on analysis of principal communication variables and theories relative to the formulation and presentation of propagandistic communication and the response of individuals and groups to persuasive messages. Students will do original research and complete a research-based project. Three hours of lecture.
- COMM 618: American Minority Group Dialects** **3 cr.**
Prerequisite: COMM 325 or consent of the department. An introduction to the development of American dialects, including phonological, morphological, semantic and vocabulary features, with particular reference to the development of Black and Mexican-American dialect. Three hours of lecture.
- COMM 638: Advising School Publications** **3 cr.**
An examination of the objectives, techniques, activities, and problems in advising for school newspapers and yearbooks, and in directing students in their publication. Three hours of lecture.
- COMM 640: Organizational Communication** **3 cr.**
The study and application of major theories in the field of organizational communication, including vertical and horizontal internal interaction, as well as external and gatekeeping functions. The course demands particular attention to postmodern theories and critical responses in applied communication. Three hours of lecture.
- COMM 655: Group Dynamics** **3 cr.**
The study of the nature and composition of task oriented small groups with special emphasis on the patterns of communication used to solve problems in the group process. Three hours of lecture.
- COMM 690: Seminar in Communications** **3 cr.**
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Selected topics from the fields of journalism and speech will vary from term to term. Three hours of seminar.
- COMM 695: Independent Studies in Communications** **3 cr.**
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the Speech or Journalism faculty. Three hours of research.
- COMM 790: Special Topics in Speech Communication** **3 cr.**
May be repeated for a maximum of six term hours. Special topics are selected from areas such as speech criticism, persuasion, classical rhetoric, contemporary rhetoric, and content analysis. Topics vary from term to term. Three hours of seminar.

COMPUTER SCIENCE

- CSC 101: Introduction to the Internet** **3 cr.**
Introduction to the fundamentals of the Internet as well as the fundamentals of data communications. Students will learn to use the Internet for research and communication, including publishing materials on the World Wide Web. Three hours of lecture.
- CSC 105: Introduction to Computer-based Multimedia** **3 cr.**
Introduction to the fundamentals of computer-based multimedia technologies and to the use of authoring applications and tools for creating and manipulating multimedia content. One application area covered will be the creation of Internet Web pages. Three hours of lecture.
- CSC 111: Introduction to Computing** **3 cr.**
A survey of computing terminology and computing applications. Hands on activities using an integrated software package for word processing, spreadsheets and database management. Introduction to the Internet with applications. Three hours of lecture.
- CSC 115: Computer Literacy** **3 cr.**
Thorough introduction to the basic tools of computing. Hands-on activities with a desktop operating system, word processor, spreadsheet, presentation software, email application, Internet browser, and basic networking. Recommended for science majors. Three hours of lecture.

- CSC 120: Introduction to Programming** 3 cr.
Prerequisite: CSC 115. Corequisite: Math 121 or consent of the department. An introduction to programming for windows applications with an emphasis on problem solving and program development using an integrated development environment (IDE). Three hours of lecture in a computer lab setting.
- CSC 135: Object-Oriented Programming I** 3 cr.
Prerequisite: CSC 115, Corequisite: Math 121. The design, coding, testing, and documenting of programs in a specific high-level object-oriented programming language using techniques of good programming style. The programming concepts emphasized include data types, control structures, procedural abstraction, decomposition, encapsulation, inheritance, polymorphism, software reuse, and basic algorithms. Three hours of lecture in a computer lab setting.
- CSC 145: Object-Oriented Programming II** 3 cr.
Prerequisites: CSC 135. A continuation of the topics in CSC 135, plus event handling, exception handling, GUIs, simple data structures, an introduction to algorithm analysis and internal searching and sorting techniques, and recursion. Three hours of lecture in a computer lab setting.
- CSC 190: Selected Topics** 3 cr.
Prerequisite: Consent of the department. May be repeated for a maximum of six term hours, Topics to be announced by the computer science department. Three hours of lecture.
- CSC 230: Networking and Telecommunications** 3 cr.
Prerequisite: CSC 120 or consent of the department. An introduction to networking and telecommunications using a layered architecture model. Topics covered include data transmission schemes and media, protocols, wired and wireless LAN'S WAN'S, internetworking, the Internet and its protocols, network operating systems, network application models, and network security. Three hours of lecture in a computer lab setting.
- CSC 242: Computer Architecture and Organization** 3 cr.
Prerequisites: CSC 135; co-requisites: CSC 145 and MATH 201. The organization, functions, and structuring of the major components of computer systems, introduction to the mechanics of information transfer and fundamentals of logic design. Three hours of lecture.
- CSC 261: Programming in C++** 3 cr.
Prerequisite: CSC 145 or experience with an object-oriented programming language or consent of the department. Programming in C++ based on the ISO/ANSI standard with exposure to the various paradigms (object-oriented, generic and procedural) supported by the language and the Standard Template Library. Three hours of lecture and hands-on experience in a computer lab setting.
- CSC 285: Object-Oriented Design** 3 cr.
Prerequisites: CSC 145, Math 201. An introduction to object-oriented design, design patterns, and design tools. Three hours of lecture in a computer lab setting.
- CSC 315: Introduction to Database Systems** 3 cr.
Prerequisites: CSC 145 and Math 201. Topics covered include the context, analysis, logical and physical design, and implementation of a database system. Examples of database applications will accompany all stages of this course, giving students an opportunity to experience the entire life cycle of a database system while securing a strong and well-balanced theoretical foundation. Three hours of lecture.
- CSC 345: Data Structures** 3 cr.
Prerequisites: CSC 145. Study of the primary data structures used in computing, their definitions as abstract data types and some of their possible implementations. Three hours of lecture in a computer lab setting.
- CSC 346: Analysis of Algorithms** 3 cr.
Prerequisite: CSC 345. Study and analysis of fundamental algorithms for common computational tasks. Mathematical methods are used to determine the inherent computational efficiency of algorithms. Three hours of lecture in a computer lab setting.
- CSC 351: Animation I** 3 cr.
Prerequisites: FA 210, CSC 120 or CSC 135. Intensive introduction into the world of 3D graphics using the latest industry standard software packages. Topics include 3D modeling, texturing, lighting, keyframe animation and rendering of 3D graphics. One hour of lecture and three hours of lab.
- CSC 352: Animation II** 3 cr.
Prerequisite: CSC 351. Intensive study of industry standard tools and techniques used to create 3D animated video. Animation principles such as character setup, rigging, dynamics, particle systems and keyframe animation are explored. One hour of lecture and three hours of lab.
- CSC 382: Systems Programming** 3 cr.
Prerequisites: CSC 242. Corequisite: CSC 345. This course provides a theoretical and practical introduction to major operating systems and their components. Topics covered include processes, concurrency and synchronization, CPU scheduling, deadlocks, memory management, file systems, mass storage, and I/O systems. In addition, the course provides an in-depth introduction to shell scripting as well as the use of a Linux operating system. Three hours of lecture in a computer lab setting.
- CSC 395: Independent Studies** 3 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the Computer Science faculty. Three hours of research.
- CSC 405: Programming Language Concepts** 3 cr.
Prerequisites: CSC 345. A study of formal languages and grammars as defined by the Chomsky hierarchy, formal methods for defining the syntax and semantics of programming languages, and the fundamental features and concepts of programming languages from multiple language paradigms. Three hours of lecture.
- CSC 410: Industrial Robotics** 3 cr.
Prerequisite: CSC 242 or consent of the department. Terminology, types of robots, automated manufacturing, programmable and computerized control system for robots, interfacing between the controller and the input/output devices. Develop hardware and software projects to control robot equipment. Three hours of lecture.

- CSC 425: Database Implementation** 3 cr.
Prerequisites: CSC 315 or consent of the department. Study of the advanced topics of database management systems such as benchmarking, transaction processing, file and index implementation, concurrency control, recover, query optimization, and stored procedures. Includes a project. Three hours of lecture.
- CSC 430: Computer Networks** 3 cr.
Prerequisite: CSC 282 and 345. The fundamentals of data communications and computer networking. Topics include data encoding and transmission methods, as well as network architecture and protocol. The OSI reference model will be used as the basis of study. Three hours of lecture.
- CSC 433: Maintaining and Administering a Network Operating System** 3 cr.
Prerequisite: CSC 430. Knowledge and skills required to effectively install, administer, and maintain the Windows NT Server operating system within a networking environment. Three hours of lecture.
- CSC 435: Programming with Internet Technologies** 3 cr.
Prerequisite: CSC 230 or consent of the department. An introduction to developing applications using Internet technologies such as XHTML, Cascading Style Sheets, Javascript, DHTML, XML, web server web databases and server-side scripting. Three hours of lecture.
- CSC 438: Network and Computer Security** 3 cr.
Prerequisite: CSC 230 or CSC 430 or consent of the department. Issues of computer system and network security. This will include common security threats and the countermeasures and protocols used to combat them. Topics include encryption, user and message authentication, access control, viruses, worms, certificates and firewalls. Three hours of lecture.
- CSC 442: Operating Systems** 3 cr.
Prerequisites: CSC 382. A general study of the principles and architecture of operating systems as well as methods for their implementation. Topics include concurrent processes, resource management, parallel processing, security and performance. Three hours of lecture.
- CSC 450: Computer Graphics** 3 cr.
Prerequisites: CSC 345 and MATH 254. Corequisite: MATH 222. Techniques for representation, transformation, and display of patterns and images on graphics display devices. Three hours of lecture.
- CSC 451: Advanced Computer Graphics** 3 cr.
Prerequisite: CSC 450. Intensive study of the tools and coding techniques used to create 3D computer graphics. Topics to include OpenGL, shader programming, artificial rendering techniques for natural scenes, and advanced modeling and simulation. Three hours of lecture.
- CSC 454: Post-Production Techniques** 3 cr.
Prerequisite: FA 210; co-requisite: FA 319 or consent of the department. Studies of industry standard tools and techniques used to compose text, video 2D and 3D graphics into a single visual composition. Topics explored include motion graphics, multi-layer blending, rotoshaping and blue/green screen techniques. One hour of lecture and three hours of lap.
- CSC 456: Game Programming** 3 cr.
Prerequisites: CSC 450 and CSC 352. Intensive study of the tools and techniques used to create 3D computer games. Topics include creating game interfaces, game design and flow, procedural animation, and game scripting. Three hours of lecture.
- CSC 460: Rapid Applications Development** 3 cr.
Prerequisite: CSC 345. A study of tools and techniques used in the rapid development of applications that run in current operating system environments. The object-oriented and visual programming paradigms will be emphasized. Three hours of lecture.
- CSC 464: Information Visualizations** 3 cr.
Prerequisite: CSC 345 or consent of the department. A study of computer-based strategies for interactive visual presentations of information that enable people to explore, discover, and learn from vast quantities of data. Students will learn to analyze, design, develop and evaluate visualizations and tools. Topics will include design principles, interaction strategies, information types, and experimental results. Three hours of lecture.
- CSC 466: Introduction to Bioinformatics** 3 cr.
Prerequisite: CSC 345 or consent of the department. Introduces principles, concepts, methods, techniques, algorithms, tools, and strategies to transform and process the masses of information from biological experiments, focusing particularly on biological sequence data. Covers topics such as pairwise sequence alignment, gene detection, protein structure predictions, analysis of Microarray gene expression data, gene mapping, comparative genomics, genome evolution and visualization. Three hours of lecture.
- CSC 468: Introduction to Data Mining and Knowledge Discovery** 3 cr.
Prerequisite: CSC 345 or consent of the department. Introduction to the fundamental concepts of data mining and knowledge discovery. Students will learn to analyze, design, develop, and evaluate techniques and tools. Topics include decision trees, classifications, associations, clustering, attributes, and statistical modeling. Three hours of lecture.
- CSC 470: Artificial Intelligence** 3 cr.
Prerequisite: CSC 345. Simulation of cognitive processes and decision making, automated learning, heuristic and algorithmic methods. Three hours of lecture.
- CSC 475: Internship in Computer Science** 3 cr.
Prerequisites: Credit for at least 60 hours, 2.5 cumulative GPA and 2.75 GPA in CSC. Employment focused on software development with a qualified employer. The course requires written reports detailing the objectives, progress and completion of the internship. Three hours of credit on a Pass/No Credit basis. May be repeated once. Credit may not be applied to the CSC elective portion of the computer science major.
- CSC 480: Software Engineering Concepts** 3 cr.
Prerequisites: CSC 345 and senior standing. Survey of concepts and techniques of software development. Study of all phases of the software life cycle including the stages of analysis, design, coding, testing and documentation, using a team approach. Three hours of lecture.
- CSC 481: Software Engineering Project** 3 cr.
Prerequisites: CSC 480, CSC 315 and CSC 460. Implementation, including thorough documentation, of a significant software system including the steps of analysis, design, coding and testing, using a team approach. Three hours of lecture.

- CSC 485: Social and Ethical Issues in Computing** **1 cr.**
Prerequisite: CSC 345. In-depth exploration of the social, psychological, political, and ethical issues surrounding the computer industry and the evolving information society.
- CSC 490: Selected Topics** **3 cr.**
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Topics to be announced by the department for students of advanced standing. Three hours of lecture.
- CSC 495: Independent Study** **3 cr.**
Prerequisite: Consent of the department. May be repeated for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the Computer Science faculty. Three hours of research.
- CSC 605: Programming Language Concepts** **3 cr.**
Prerequisites: Consent of the department and knowledge of an object-oriented programming language. A study of formal languages and grammars as defined by the Chomsky hierarchy, formal methods for defining the syntax and semantics of programming languages, and the fundamental features and concepts of programming languages from multiple language paradigms. Students will conduct a thorough independent analysis of a high-level programming language based on the language principles discussed. Three hours of lecture.
- CSC 610: Industrial Robotics** **3 cr.**
Prerequisite: Consent of the department. Terminology, types of robots, automated manufacturing, programmable and computerized control system for robots, interfacing between the controller and the input/output devices. Develop hardware and software projects to control robot equipment. Three hours of lecture.
- CSC 625: Database Implementation** **3 cr.**
Prerequisite: Consent of the department. Study of the advanced topics of database management systems such as benchmarking, transaction processing, file and index implementation, concurrency control, recovery, query optimization, and stored procedures. Includes a project. Three hours of lecture.
- CSC 630: Computer Networks** **3 cr.**
Prerequisite: Consent of the department. The fundamentals of data communications and computer networking. Topics include data encoding and transmission, as well as network architecture and protocol. The OSI model is used as the basis of study. Three hours of lecture.
- CSC 633: Maintaining and Administering a Network Operating System** **3 cr.**
Prerequisite: Consent of the department. Knowledge and skills required to effectively install, administer and maintain the Windows NT Server operating system within a networking environment. Three hours of lecture.
- CSC 635: Programming with Internet Technologies** **3 cr.**
Prerequisite: Consent of the department. An introduction to developing applications using Internet technologies such as XHTML, Cascading Style Sheets, Javascript, DHTML, XML, web server, web databases and server-side scripting. Three hours of lecture.
- CSC 638: Network and Computer Security** **3 cr.**
Prerequisite: Consent of the department. Issues of computer system and network security. This will include common security threats and the countermeasures and protocols used to combat them. Topics include encryption, user and message authentication, access control, viruses, worms, certificates, firewalls, as well as security policies, practices, standards and professional certifications.
- CSC 642: Operating Systems** **3 cr.**
Prerequisite: Consent of the department. A general study of the principles and architecture of operating systems, as well as methods for their implementation. Topics include concurrent processes, resource management, parallel processing, security, and performance. Three hours of lecture.
- CSC 650: Computer Graphics** **3 cr.**
Prerequisite: Consent of the department. Techniques for representation, transformation, and display of patterns and images on graphics display devices. Three hours of lecture.
- CSC 660: Rapid Applications Development** **3 cr.**
Prerequisite: Consent of the department. A study of tools and techniques used in the rapid development of applications that run in current operating system environments. The object-oriented and visual programming paradigms will be emphasized. Three hours of lecture.
- CSC 664: Information Visualizations** **3 cr.**
Prerequisite: Consent of the department. An in-depth examination of computer-based strategies for interactive visual presentation of information to explore, discover, and learn from large data sets. Study of classic and advanced computer visualization principles, techniques, and tools used for explaining and understanding symbolic, structured, and/or hierarchical information. Projects will apply design principles, interaction strategies, information types, and experimental results. Three hours of lecture.
- CSC 666: Introduction to Bioinformatics** **3 cr.**
Prerequisite: Consent of the department. Introduces principles, concepts, methods, techniques, algorithms, tools, and strategies to transform and process the masses of information from biological experiments. Focusing computational methods to analyze genome and protein sequences to derive structural and functional information. Student teams conceive, design, specify, implement, evaluate, and report on a software project in the domain of biomedicine. Three hours of lecture.
- CSC 668: Introduction to Data Mining** **3 cr.**
Prerequisite: Consent of the department. Introduction to the fundamental and advanced concepts of data mining and knowledge discovery. Learn to analyze, design, develop and evaluate techniques and tools. Topics include data preprocessing, data characterization and comparison, decision trees, association rule mining (also in large databases), classification and prediction, clustering and cluster analysis and statistical modeling. Three hours of lecture.
- CSC 670: Artificial Intelligence** **3 cr.**
Prerequisite: Consent of the department. Simulation of cognitive processes and decision making, automated learning, and heuristic and algorithmic methods. Three hours of lecture.
- CSC 680: Software Engineering Concepts** **3 cr.**
Prerequisite: Consent of the department. Survey of concepts and techniques of software development. A team approach to all phases of the software life cycle: analysis, design, coding, testing, and documentation. Three hours of lecture.

- CSC 681: Software Engineering Project** **3 cr.**
Prerequisite: Consent of the department. The implementation of a significant software system. A team approach to all steps: analysis, design, coding, testing, and thorough documentation. Three hours of lecture.
- CSC 690: Selected Topics** **3 cr.**
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Topics to be announced by the department. Three hours of lecture.
- CSC 695: Independent Study** **3 cr.**
Prerequisite: Consent of the department. May be repeated for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the Computer Science faculty. Three hours of research.

COMPUTER SYSTEMS TECHNOLOGY

- CST 701: Computer System Organization** **3 cr.**
Prerequisite: Ability to program in high-level programming language. Survey of the components of modern computing systems, including hardware components, operating systems and system software, program development environments and common applications software. Three hours of lecture.
- CST 703: Data Models** **3 cr.**
Prerequisite: CST 701. Structures and algorithms used for the storage and maintenance of data. Organization, representation and manipulation methods used in file systems, databases, and database systems. Three hours of lecture.
- CST 707: Data Modeling and Database Design** **3 cr.**
Prerequisites: CST 703. The design of a database is examined from identification of data and construction of the logical model which describes how the data are employed, to the mapping of the data model onto the architecture of the DBMS and the subsequent performance evaluation and tuning. Three hours of lecture.
- CST 711: Informatics** **3 cr.**
Prerequisite: CST 703 or consent of the department. Informatics is the science of the use and processing of data, information, and knowledge. This course covers a variety of applied issues from information technology, information management at a variety of levels, ranging from simple data entry, to the creation, design and implementation of new information systems, to the development of models. Topics include basic information representation, processing searching, and organization, evaluation and analysis of information, Internet-based information access tools, ethics and economics of information sharing. Three hours of lecture.
- CST 715: Concurrency, Recovery and Security** **3 cr.**
Prerequisite: CST 707. A study of the problems and issues involved in achieving efficiency, integrity and security in a modern multi-user database management system. These include the problem of deadlock, recovery in hierarchical, network and relational database systems, access control mechanisms and encryption. Three hours of lecture.
- CST 717: Decision Support Tools** **3 cr.**
Prerequisites: CST 701 and MATH 260. An advanced study of software packages and languages that are useful in modeling and decision making. Includes electronic spreadsheets, database management systems, graphics presentation systems and statistical packages. Three hours of lecture.
- CST 730: Systems Administration** **3 cr.**
Management concepts applied to large scale systems. Organizational needs, personnel considerations, information needs, functions and processes of systems management. Three hours of lecture.
- CST 741: Models in Decision Making** **3 cr.**
Prerequisite: MATH 260 or equivalent. Deterministic and probabilistic models. Decision theory, optimization techniques, linear programming, network theory, critical path techniques, queuing theory and computer simulation. Case studies and computer algorithms. Three hours of lecture.
- CST 790: Selected Topics in Computer Systems Technology** **3 cr.**
Prerequisite: Consent of the College of Arts and Sciences. May be repeated for a maximum of six credit hours. Selected topics will vary from term to term. Three hours of lecture.
- CST 796: Business Systems Project** **3 cr.**
Prerequisite: Consent of the department. An implementation project that makes use of computing knowledge and skills to solve a problem from business. Final grading is on a pass/no credit basis.
- CST 797: Biomedical Informatics Project** **3 cr.**
Prerequisite: Consent of the department. An implementation project that makes use of knowledge of computing and biomedical informatics to solve a problem from the field of biomedicine. Final grading is on a pass/no credit basis.
- CST 798: Computer Science Project** **3 cr.**
Prerequisite: Consent of the department. An implementation project that makes use of knowledge of computing and computer science to implement a significant software system. May be repeated for a maximum credit of six term hours. Final grading is on a pass/no credit basis.
- CST 799: Thesis** **1-6 cr.**
Prerequisite: Consent of the department. A significant research project in the field of biomedical informatics. Final grading is on a pass/no credit basis. One to six credit hours per term.

CRIMINAL JUSTICE

- CJ 107: Introduction to Criminal Justice** **3 cr.**
An introduction to the American criminal justice system, its historical and philosophical background; its organizations, agencies, and processes; the development of modern police, court and corrections practices, and the role of the criminal justice system in a democratic society. Three hours of lecture.

- CJ 211: The Judicial Process and the Supreme Court** 3 cr.
Prerequisite: POLI 151. An introduction to the structure and decision-making of the United States judicial system. Three hours of lecture. Also listed as POLI 211.
- CJ 214: Police Process** 3 cr.
Prerequisite: CJ 107 or consent of the department. An examination of police function, organization and administration in modern societies. Special attention will be devoted to problematic aspects of police work and to comparative analysis of the police function in different countries. Three hours of lecture.
- CJ 216: Corrections Process** 3 cr.
Prerequisite: CJ 107 or consent of the department. A study of the American correctional process with emphasis on the development of current correctional programs and practices, modern rehabilitative processes, and community-based correctional efforts. Focus is also given to the roles of the correctional system and its interrelation with the other components of the criminal justice system. Three hours of lecture.
- CJ 250: Drug Abuse, Society and the Law** 3 cr.
Prerequisite: CJ 107 or consent of the department. An introduction to the study of controlled substances with emphasis on defining drug abuse, identifying the uses and abuses of substances, the way in which dangerous substances are controlled by law and the effects of drug abuse on law, man and society. Three hours of lecture.
- CJ 252: Community Policing and Problem Solving** 3 cr.
Prerequisite: CJ 107 or consent of the department. Study of contemporary policing approaches that combine community policing with problem-oriented policing in order to provide quality service to the community. Focus on proactive policing policies and strategies which assist in identifying, analyzing, and addressing community problems at their source. Three hours of lecture.
- CJ 254: The Juvenile Justice System** 3 cr.
Prerequisite: CJ 107 or consent of the department. An examination of the history, organization, and jurisdiction of the juvenile justice system in America. Additionally, this course focuses on the policies, practices and legal procedures in the administration of juvenile justice and in the control and treatment of juvenile misbehavior. Three hours of lecture.
- CJ 265: Criminal Investigation** 3 cr.
Prerequisite: CJ 107 or consent of the department. A study of the process that is used to gather sufficient, reliable, competent evidence for presentation in a criminal court or other judicial or administrative proceeding. Three hours of lecture.
- CJ 290: Contemporary Issues in Criminal Justice** 3 cr.
Prerequisites: CJ 107 or consent of the department. An examination of selected present-day controversial issues in criminal justice with a special emphasis on opposing views held by various theorists and researchers in the field. May be repeated for six hours. Three hours of lecture.
- CJ 306: Corrections within the Community** 3 cr.
Prerequisite: CJ 107 or consent of the department. A comprehensive study of corrections programs that function outside the traditional institutional setting. The emerging phenomenon of community-based corrections programs is examined as a separate entity. The impact of community-based corrections programs is discussed as it relates to changing the roles of the prison system, the probation system, and the parole system. Three hours of lecture.
- CJ 310: Survey of Forensic Science** 3 cr.
Prerequisite: CJ 107 and CJ 265 or consent of the department. A study of those fields of basic and applied science which have been specifically adapted to legal proof. Emphasis will be placed on the procedures used to examine both persons and physical evidence and the rules of admissibility applicable to the results of such procedures. Three hours of lecture.
- CJ 320: Criminology** 3 cr.
Prerequisite: SOCL 105. Analysis of crime and its causes, theories of criminal and delinquent behavior. Three hours of lecture. Also listed as SOCL 320.
- CJ 322: Juvenile Delinquency** 3 cr.
Study of Juvenile delinquency, its causes, treatment, and prevention. Three hours of lecture. Also listed as SW 322 and SOCL 322.
- CJ 330: Research Methods in the Social Sciences** 3 cr.
Prerequisites: CJ 107 or SOCL 105 or SOCL 107 or POLI 151. This course presents an overview of the basic methods and techniques used in social science research. It includes descriptive and inferential statistics, hypothesis testing, population and sample identification, data collection, statistical analysis, and research report presentation with special emphasis on the areas of criminal justice, political science, and sociology. Three hours of lecture. ALSO listed at POLI 330 and SOCL 330.
- CJ 390: Special Topics in Criminal Justice and Criminology** 3 cr.
Prerequisite: CJ 107 or consent of the department. May be repeated for a maximum of six term hours. Selected topics of criminal justice and criminological interest with special emphasis on current developments in theoretical and practical applications. Three hours of lecture.
- CJ 399: Internship in Criminal Justice** 3 cr.
Prerequisites: Twenty-four term hours credit in criminal justice, a minimum of 2.75 GPA in criminal justice course work and junior standing. Supervised participation in and observation of a criminal justice agency for one term. Each student will be required to analyze defined aspects of the agency's role, function and organization and prepare a critical review of the literature. One hour lecture, four hours laboratory. May be repeated for a maximum of six hours.
- CJ 400: Homeland Security** 3 cr.
Prerequisite: CJ 107 or consent of the department. This course provides an overview of homeland security. Principles and practices associated with the discipline will be explored, and policies, national plans, and legislation will be critically analyzed. United States Foreign Policy and the challenges for security in the future will also be addressed. Three hours of lecture.
- CJ 401: Critical Legal Issues in Criminal Justice** 3 cr.
Prerequisite: CJ 107. This course involves examining recent legislation and case law, both state and federal, that impact upon criminal justice professionals and the administration of criminal justice. Topics will depend upon current legal developments in such areas as law enforcement, the courts, corrections, juvenile justice, and judicial review of administrative decisions. Three hours of lecture.

- CJ 402: Terrorism** **3 cr.**
Prerequisite: CJ 107 or consent of the department. This course provides an overview of the field of terrorism. The historical, social, political, economic, and religious foundations will be explored. Both international and domestic terrorist organizations and tactics will be studied. The role of the media, homeland security and counter-terrorist activities will be addressed. Three hours of lecture.
- CJ 403: Criminal Evidence** **3 cr.**
Prerequisites: CJ 107 or POLI 211 or consent of the department. A study of the criminal rules of evidence. The nature of evidence, Fourth, Fifth, Sixth and Fourteenth Amendments to the U.S. Constitution, and applicable Supreme Court decisions are detailed. Three hours of lecture.
- CJ 404 Cybercrime** **3 cr.**
Prerequisite: CJ 107 or consent of the department. This course provides an overview of cybercrime, including terminology, history, theory, and social and economic impacts. In addition, students are exposed to fundamentals of computer forensics and cybercrime-scene analysis, including laws, regulations, and methodologies for conducting security incident investigations. Three hours of lecture.
- CJ 405: Security Administration of Business and Industry** **3 cr.**
Prerequisite: CJ 107 or consent of the department. A study of the organization and management of the security function as it applies in private sector enterprise. Principles and techniques which achieve and maintain an environment conducive to the goal of an enterprise are examined. Three hours of lecture.
- CJ 406: Geographic Profiling** **3 cr.**
Prerequisite: CJ 107 or consent of the department. This course examines the importance of geographic information systems in contemporary crime analysis, including crime mapping, geographic profiling and homeland security. In addition, this hands-on course demonstrates relevant geographic information technology for law enforcement investigations and addresses the advantages and disadvantages of implementing such technologies. Three hours of lecture. Also listed as GEOG 406.
- CJ 408: Computer Applications in Criminal Justice** **3 cr.**
Prerequisite: CJ 107 or consent of the department. With an emphasis upon criminal justice information management, this course addresses technical, analytical, legal, and organizational issues related to advances in computer and information technology. In addition, this applied course introduces students to various techniques of data processing using current software. Three hours of lecture.
- CJ 410: Crime Analysis** **3cr.**
Prerequisite: CJ 107 or consent of the department. This course involves an advanced examination of the processes and techniques involved in crime analysis, the available tools, and research methods. Applications in crime analysis by agencies, organizations, and individuals in the field are combined with hands-on computer experience. Three hours of lecture.
- CJ 411: American Constitution Law** **3 cr.**
Prerequisite: CJ 211 or POLI 211. A study of the development of the United States Constitution emphasizing the role of the Supreme Court in interpreting the Constitution. Attention is devoted to the relationships and powers of the branches of the national government and to the civil liberties. Three hours of lecture. Also listed as POLI 411.
- CJ 415: Juvenile Law and Procedure** **3 cr.**
Prerequisite: CJ 107 and CJ 254 or consent of the department. A study of the activities within the criminal justice system that are specifically tailored to deal with both the status offender and the juvenile criminal. The specialized juvenile procedures of the police courts and correctional agencies are examined. Three hours of lecture.
- CJ 425: Violence in American Society** **3 cr.**
Prerequisite: CJ 107 or consent of the department. The history of violence in American society is examined. Regional patterns of violence, subcultures of violence, riots, racial violence, violence in the family, interpersonal violence, collective violence, and the history of violence are discussed. Explanations of violent behavior are outlined and explored. Three hours of lecture.
- CJ 430: Deviant Behavior and Social Response** **3 cr.**
Prerequisite: CJ 107 or consent of the department. An exploration of different contemporary and historical schools of deviance theory. Biological, cultural, sociological, and psychological influences on behavior will be examined and modes of intervention, prevention and treatment will be outlined. Three hours of lecture.
- CJ 431: Justice Administration and Management** **3 cr.**
Prerequisite: CJ 107 or consent of the department. An examination of principles of organization, administration, and functional interrelation of criminal justice agencies. An evaluation of personnel policies, divisions, operations, management procedures and policies, and evaluation of each agency as part of a system. Three hours of lecture.
- CJ 435: Women, Crime & Criminal Justice** **3 cr.**
Prerequisite: CJ 107 or consent of the department. Contemporary issues of women as both offenders and victims, as well as the changing role of women as criminal justice employees, are addressed within the framework of a conflict theory. Additional topics include causes and prevention of violence/rape against women and sexual harassment in the criminal justice workplace. Three hours of lecture.
- CJ 445: Gangs in America** **3 cr.**
Prerequisite: CJ 107 or consent of the department. An examination of recent research conducted on American gangs and updates of information from the current era. Issues covered include etiology of gangs, proliferation of gangs, gang involvement in drug distribution, and formal social control efforts toward gang crime and other social problems related to gangs. Three hours of lecture.
- CJ 453: Criminal Law** **3 cr.**
Prerequisite: CJ 107 or CJ 211 or POLI 211 or consent of the department. The origins, structure, definition and interpretation of the most frequently used sections of state and federal statutes. Three hours of lecture.
- CJ 455: Community Relations in Criminal Justice Organizations** **3 cr.**
Prerequisite: CJ 107 or consent of the department. Through textbook materials, lectures, and a series of speakers from local criminal justice agencies, this course examines the relationships and interactions among criminal justice agencies generally, local criminal justice agencies specifically, with individuals, special interest groups, and political and social community organizations. Three hours of lecture.

- CJ 465: Sex Crimes and Sexual Deviance** **3 cr.**
 Prerequisite: CJ 107 or consent of the department. An overview of the areas of sexual deviance and sex crimes in American Society. Topics include abnormal and atypical sexual behavior, dangerous sex crimes, and sexual abuse against adults and children. This course addresses the various approaches used in treating, controlling and punishing such behavior. Three hours of lecture.
- CJ 475: White Collar Crime** **3 cr.**
 Prerequisite: CJ 107 or SOCL 105 or consent of the department. Examination of classic and contemporary theory and research in the field of white collar crime, including organizational, individual, governmental, and professional crimes as well as the sanctioning of such acts. Three hours of lecture.
- CJ 490: Seminar in Criminal Justice** **3 cr.**
 Prerequisite: CJ 107 or consent of the department. May be repeated for a maximum of six term hours. The study of selected topics from current problems in criminal justice includes directed research, discussion and evaluation of criminal justice programs, policies, and practices. Three hours of seminar.
- CJ 495: Independent Reading and Research** **3 cr.**
 Prerequisite: CJ 330 or SOC 286 or consent of the department. May be repeated for a maximum of six term hours. Directed research, and readings in an area or areas of specific interest within the criminal justice system. Three hours of research.
- CJ 600: Homeland Security** **3 cr.**
 Prerequisite: CJ 107 or consent of the department. This course is designed to give graduate students a current, thorough, and comprehensive overview of homeland security – focusing on current theory and practice as well as current and future needs and trends. Policies, national plans, and legislation are analyzed and evaluated. Students are required to submit written critiques of homeland security policy and legislation, and be able to discuss those critiques in an oral classroom discussion. Three hours of discussion.
- CJ 601: Critical Legal issues in Criminal Justice** **3 cr.**
 Prerequisite: Graduate standing. This course involves examining recent legislation and case law, both state and federal, that impact upon criminal justice professionals and the administration of criminal justice. Topics will depend upon current legal developments including such areas as law enforcement, the courts, corrections, juvenile justice and judicial review of administrative decisions. Graduate students will also examine a selection of legal issues and challenges the criminal justice system will confront in its attempt to address changing dimensions of crime as American society moves into the 21st century. Three hours of lecture.
- CJ 602: Terrorism** **3 cr.**
 Prerequisite: Graduate standing. This course is designed to give graduate students a current, thorough, and comprehensive overview of the field of terrorism by focusing on current theory and practice as well as current and future law enforcement needs and trends. Both international and domestic terrorist organizations and tactics will be examined. Emphasis will be placed on critical evaluation and advancement of terrorism theory. Three hours of lecture.
- CJ 604: Cybercrime** **3 cr.**
 Prerequisite: Graduate standing. This course is designed to give graduate students a current, thorough, and comprehensive overview of cybercrime by focusing on current theory and practice as well as current and future needs and trends. In addition, students will review and evaluate the fundamentals of computer forensics and cybercrime-scene analysis. Emphasis will be placed on critical evaluation and advancement of criminological theory as it applies to computer crime. Three hours of lecture.
- CJ 605: Security Administration of Business and Industry** **3 cr.**
 A comprehensive review of the security function as it applies in private sector enterprises, with an examination of the principles and techniques that achieve and maintain an environment conducive to the goal of an enterprise. Emphasis will be placed on evaluating organizational and management theory. Three hours of lecture.
- CJ 606: Geographic Profiling** **3 cr.**
 Prerequisite: Graduate standing. This course is designed to give graduate students a current, thorough, and comprehensive review of the importance of geographic information systems in contemporary crime analysis. In addition, this applied course demonstrates relevant geographic information technology for law enforcement investigations, focusing on current theory and practice as well as current and future needs and trends. Three hours of lecture.
- CJ 608: Computer Applications in Criminal Justice** **3 cr.**
 Prerequisite: Graduate standing. With an emphasis upon criminal justice information management, this course is designed to give graduate students a current, thorough, and comprehensive review of the technical, legal, and organizational issues related to advances in computer and information technology. In addition, this advanced course introduces students to current and emerging analytical techniques. Students are required to submit extensive critiques and to participate in thoughtful discussions. Three hours of lecture.
- CJ 610: Crime Analysis** **3 cr.**
 Prerequisite: Graduate standing. This course is designed to give graduate students a current, thorough, and advanced examination of the processes and techniques involved in criminal intelligence analysis. Applications in criminal analysis by agencies, organizations, and individuals in the field will be critically evaluated, focusing on current theory and practice as well as current and future needs and trends. Three hours of lecture.
- CJ 625: Violence in American Society** **3 cr.**
 An analysis of violence in American society, including regional patterns, subcultures of violence, riots, racial violence, violence in the family, and collective violence. Students will examine the historical, cultural, and ideological forces that both foster and deter violence. Three hours of lecture.
- CJ 630: Deviant Behavior and Social Response** **3 cr.**
 An analysis of theories of deviance, including an examination of the biological, sociological, and psychological influences on behavior, as well as modes of intervention, prevention, and treatment. Students will examine the historical and cultural contexts of deviance. Three hours of lecture.
- CJ 635: Women, Crime & Criminal Justice** **3 cr.**
 An analysis of contemporary issues concerning women as both offenders and victims, as well as the changing role of women as criminal justice employees. Within the framework of a conflict theory students will examine the historical and cultural contexts concerning women and violence. Three hours of lecture.

- CJ 645: Gangs in America** **3 cr.**
 Prerequisite: CJ 107. This current course examines some of the research which has been conducted on American gangs and updates much of the information into the current era. This course covers such issues as: definitional problems of gangs, changes in structure of gangs, proliferation of gangs, gang involvement in drug distribution and formal social control efforts toward gang crime and other social problems presented by gangs. For undergraduate credit, see also CJ 445. Three hours of credit.
- CJ 655: Community Relations in Criminal Justice Organizations** **3 cr.**
 Prerequisite: CJ 107. Through textbook materials, lectures, and a series of speakers from local criminal justice agencies, this course examines the relationship between, and interaction of criminal justice agencies generally, and local criminal justice agencies specifically, with individuals, special interest groups, and political and social community organizations. Three hours of lecture. For undergraduate credit, see also CJ 455.
- CJ 675: White Collar Crime** **3 cr.**
 Prerequisite: Graduate standing. This course is designed to give graduate students a current, thorough, and comprehensive review of classic and contemporary research in the field of white collar crime. Emphasis will be placed upon current and emerging issues pertaining to white collar crime, as well as, the critical evaluation and advancement of criminological theory. Three hours of lecture.
- CJ 690: Seminar in Criminal Justice** **3 cr.**
 Prerequisite: Consent of the department. May be repeated for a maximum of six term hours. The study of selected topics from current problems in criminal justice includes directed research, discussion and evaluation of criminal justice programs, policies, and practices. Three hours of seminar.
- CJ 695: Independent Reading and Research** **3 cr.**
 Prerequisite: Consent of the department. May be repeated for maximum of six term hours. Directed research, and readings in an area or areas of specific interest within the criminal justice system. Three hours of research.

DISASTER PREPAREDNESS PLANNING AND ADMINISTRATION

- DPPA 401: Disaster Preparedness Administration** **3 cr.**
 Prerequisite: MADM 301, or POLI 201, or SOCL 302, or consent of the department. An exploration of administration approaches to preparing for, responding to, recovering from, and mitigating natural or terrorist-initiated events. This is an online course.
- DPPA 420: Local, State, and National Disaster Response** **3 cr.**
 An exploration of the different expectations for disaster administration at the local, state, and national levels, as well as the complexity of policy issues impinging on preparedness initiatives. This is an online course.
- DPPA 430: Volunteer Administration for Disaster Response** **3 cr.**
 An overview of volunteer management principles and practices with a focus on the role that volunteers have in disaster response. Jurisdictional issues, communications, legal risks, and other factors influencing volunteer use will be examined. This is an online course.
- DPPA 601: Disaster Preparedness Administration** **3 cr.**
 Prerequisite: MADM 301, or POLI 201, or SOCL 302, or consent of the department. An exploration of the theory, research, government policy, and guidelines preparing for, responding to, recovering from, and mitigating natural terrorist-initiated events. Particular attention will be devoted to analysis of differences between similar type disasters at various times in history, with student projects based on original research leading to a critique of the response to, recover from, and mitigation of the disaster and operational suggestions for the future. This is an online course.
- DPPA 620: Local, State, and National Disaster Response** **3 cr.**
 An exploration of the different expectations for disaster administration at the local, state, and national levels, focusing on how these have changed over time, as well as on the complexity of policy issues impinging on preparedness initiatives. Students will conduct original research projects that synthesize literature and propose more effective coordination and response. This is an online course.
- DPPA 630: Volunteer Administration for Disaster Response** **3 cr.**
 Students will conduct original research into past responses of volunteer organizations to disasters. They will evaluate these responses in light of current management theory and will produce a paper aimed at presentation at a professional conference or publication in a professional journal.

ECONOMICS

- ECON 201: Principles of Macroeconomics*** **3 cr.**
 Prerequisite: Math 121. An introductory study of the nature of macroeconomics, with emphasis on national income determination and the monetary system. Three hours of lecture.
- ECON 202: Principles of Microeconomics*** **3 cr.**
 Prerequisite: Math 121. An introductory study of the nature of microeconomics, with emphasis on consumption, production, and resource allocation from a private and social point of view. Three hours of lecture.
- ECON 285: Foundations of Economics** **3 cr.**
 Prerequisite: None. An introductory study of the principles of macroeconomics and microeconomics. The course is designed to give the student a background in essential economic theory necessary to satisfy the MBA foundations requirements. Students will attend lectures as well as complete self-directed computerized instructional materials. Credit will not be allowed for undergraduate business majors. Three hours of lecture.
- ECON 301: Aggregate Economic Analysis** **3 cr.**
 Prerequisites: ECON 201 and 202. Analysis of the factors determining aggregate national income, employment and unemployment, capital accumulation and economic growth, business cycles, and analysis of the monetary system. Three hours of lecture.
- ECON 302: Intermediate Economic Theory** **3 cr.**
 Prerequisites: ECON 201 and 202. The study of resource allocation and factor pricing in an enterprise economy. Some consideration is given to the application of microeconomic theory in business decision making. Three hours of lecture.

- ECON 310: Money, Banking, and Monetary Policy** **3 cr.**
Prerequisites: ECON 201 and 202. An intermediate study of the nature and functions of money, the banking system of the United States, and monetary theory. Three hours of lecture.
- ECON 320: History of Economic Thought** **3 cr.**
Prerequisites: ECON 201 and ECON 202. Study of the development of economic thought, and how those ideas influence business, politics, and society. Discussion of the major schools of thought and how their tenets (correct or erroneous) perpetuate today and influence current public policy. Three hours of lecture.
- ECON 460: International Economics** **3 cr.**
Prerequisites: ECON 201 and 202. An introduction to the theories of trade, international payments, foreign exchange rates, instruments, markets, and adjustment of international disequilibria. Three hours of lecture.
- ECON 490: Seminar in Economics** **3 cr.**
Prerequisites: Junior standing and consent of the department. May be repeated for a maximum of six term hours. Selected topics will vary from term to term. Three hours of seminar.
- ECON 495: Independent Studies in Economics** **3 cr.**
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six credit hours, provide the topics differ. Readings, conferences, and reports under the guidance of a member of the economics faculty. Three hours of research.
- ECON 705: Economic Analysis for Management** **3 cr.**
Prerequisites: ECON 201 and 202 (or ECON 285) and MATH 260. Application of economic theory and tools to the management of the firm in a market economy. Market and industry demand and supply, as well as firm revenue, cost, production, and hiring decisions will be analyzed. Cases and academic articles are used to develop the concepts. Three hours of lecture.

EDUCATION

- ED 201: Introduction to Foundations of Education** **3 cr.**
Lecture, reading, and discussion designed to introduce the student to the foundations of the teaching profession. Three hours of lecture.
- ED 202: Introduction to Technology in Education** **3 cr.**
Prerequisite: ED 201. A study of applications of educational technology for the classroom, with attention to selection of hardware and software, use of audiovisual media, and development of instructional materials. Three hours of lecture-laboratory.
- ED 211: Classroom Organization and Management in the Elementary School** **1 cr.**
Prerequisite: Credit for or concurrent registration in ED 201 and PSYC 206. Principles and practice, observation and participation, of pupil management and organization for instruction in the elementary school. One hour lecture, two hours laboratory.
- ED 221: Classroom Organization and Management in the Secondary School** **1 cr.**
Prerequisite: Credit for or concurrent registration in ED 201 and PSYC 206. Principles and practices, observation and participation of pupil management and organization of instruction in the secondary school. One hour of lecture, two hours of lab.
- ED 222: Seminar in Teaching Algebra** **1 cr.**
Prerequisite: MATH 221. An experiential learning course, tutoring Algebra students in a computer classroom environment. One hour seminar, two hours laboratory.
- ED 228: Practicum in Mainstream Education for Handicapped Pupils** **3 cr.**
Prerequisites: ED 211 or ED 221. Credit for or concurrent registration in ED 250. Supervised experience in providing learning experiences for handicapped pupils in mainstreamed settings. One hour of lecture and five hours of lab.
- ED 250: Introduction to Special Education** **3 cr.**
Prerequisite: Completion of or enrollment in PSYC 207 or PSYC 208. This course is a general introduction to the characteristics and needs of exceptional learners and their education. Emphasis is on classroom practices, as well as the psychological, sociological, and medical aspects of exceptionalities. Three hours of lecture.
- ED 260: Basic Statistics** **3 cr.**
Explores common descriptive statistics, probability and probability distributions, hypothesis testing of single and multiple populations, t tests, correlations, and other common techniques used in educational research. Use of SPSS statistical package. Three hours of lecture. Three hours credit (pass/no credit)
- ED 295: Independent Study in Education** **3 cr.**
Prerequisite: ED 201 or consent of the department. Reading, on-site visits to schools and other institutions, conferences, and reports under the guidance of an education faculty member. May be repeated for credit for a maximum of six term hours. One hour of seminar and three hours of research.

Professional Courses: Students must be admitted to TEPAR to take the following 300/400-level courses

- ED 302: Teaching Pupils with Learning and Behavior Problems** **3 cr.**
Prerequisite: ED 201. Methods and curricular adaptations for teaching pupils with mild and moderate problems of learning and behavior. Three hours of lecture and one hour of lab.
- ED 303: Teaching Basic Subjects to Mildly and Moderately Handicapped Pupils** **3 cr.**
Prerequisites: ED 201 or PSYC 206. Methods, materials, curricular facilities adaptations for instruction in the basic academic subjects for pupils with mild and moderate levels of handicap. Two hours of lecture, two hours of lab.
- ED 304: Strategies in Classroom Motivation** **3 cr.**
Prerequisite: ED 250. An introduction to methods of management which emphasizes the interpersonal nature of the educational process, motivation, and discipline apart from those considered to be behavioristic in nature. Three hours of lecture.

- ED 307: Methods and Materials of Early Childhood Mathematics** **3 cr.**
Prerequisite: MATH 217. Theoretical bases and practical application of the early childhood mathematics curriculum, including scope and sequence of skills, organization of instruction, teaching strategies, and evaluation and assessment techniques. Three hours of lecture.
- ED 308: Methods and Materials in Elementary Mathematics I** **3 cr.**
Prerequisite: Math 217 (ECE majors and Elementary ED majors). Credit for or concurrent enrollment in Math 218 (Elementary Education majors only.) Theoretical bases and practical application of the lower elementary mathematics curriculum, including scope and sequence of skills, organization of instruction, teaching strategies, and evaluation and assessment techniques that meet the needs of diverse learners. Three hours of lecture.
- ED 309: Methods and Materials in Elementary Mathematics II** **3 cr.**
Prerequisite: ED 308. Theoretical bases and practical application of the upper elementary mathematics curriculum, including scope and sequence of skills, organization of instruction, teaching strategies, and evaluation and assessment techniques. Three hours of lecture.
- ED 310: Materials and Methods in Elementary Social Studies and Science** **3 cr.**
Prerequisites/Corequisites: ED 250 and PSYC 207. Materials and methods used in teaching social studies and science in the elementary grades. Course restricted to Elementary Alternative Certification students. Three hours of lecture.
- ED 311: Methods and Materials in Elementary Science** **3 cr.**
Prerequisites: PSYC 207 and 3 hours of science. Materials and methods used in the teaching of science at elementary levels. Three hours of lecture.
- ED 314: Materials and Methods in Elementary School Social Studies** **3 cr.**
Prerequisites: ED 201, ED 202 and PSYC 206. Materials and methods used in teaching social studies in the elementary grades. Three hours of lecture.
- ED 315: Materials and Methods in Elementary School Math** **3 cr.**
Prerequisites: ED 201, ED 202, PSYC 206, and grades of "C" or better in MATH 121, 127, 217, and 218. Materials and methods in teaching mathematics in the elementary school. Three hours of lecture.
- ED 316: Materials and Methods in Elementary Language Arts** **3 cr.**
Prerequisites: ED 202, ENGL 301. Theoretical and practical bases of teaching language arts in the elementary classroom, to include language development, grammar, spelling, handwriting, process writing, and oral language activities. Three hours of lecture.
- ED 317: Reading/Writing Processes I** **3 cr.**
Prerequisite: Credit for or concurrent registration in ED316. Reading and writing development of the primary elementary student. Emphasis on foundational knowledge, dispositions, assessment, instructional strategies, and curriculum materials. Three hours of lecture.
- ED 318: Reading/Writing Processes II** **3 cr.**
Prerequisites: ED 317. The study of foundational knowledge, dispositions, assessment, instructional strategies, and curriculum materials used to develop elementary readers and writers. Three hours of lecture.
- ED 319: Practicum in Reading** **3 cr.**
Prerequisite: ED 318. A study of different approaches to the teaching of reading, knowledge and dispositions of reading and writing processes, instructional practices, methods, and materials to support reading and writing instruction, and the use of assessment tools to plan instruction. Three hours of lecture.
- ED 320: Materials and Methods in Secondary School Reading** **3 cr.**
Prerequisites: ED 201 and PSYC 206. Materials and methods used in teaching reading in the content areas in the secondary school. Twenty-five (25) hours of participation in a high school classroom are required. Three hours of lecture.
- ED 385: Evaluation of Instruction** **2 cr.**
Prerequisite: Completion of at least one materials and methods course. Study of evaluation of instruction with emphasis on measurement. Two hours of lecture.
- ED 386: Special Education Diagnostics Practicum I** **3 cr.**
Prerequisite: ED 302 or ED 303. Theory and practice of using classroom diagnostics for planning and implementing instruction. Emphasizes informal approaches. Three hours of lecture.
- ED 387: Special Education Diagnostics Practicum II** **3 cr.**
Prerequisite: ED 386. The second in the sequence of two assessment courses in special education; emphasizes the prescriptive aspects of diagnostic-prescriptive teaching practices with special attention to writing individual educational programs. Three hours of lecture.
- ED 409: Vocational Education for Mildly and Moderately Handicapped Pupils** **3 cr.**
Prerequisite: ED 302 or ED 303. Methods, materials, curricular facilities adaptations for instruction in the basic academic subjects for pupils with mild and moderate levels of handicap. Two hours of lecture, two hours of lab.
- ED 411: Observation and Participation in the Elementary School** **2 cr.**
Prerequisites: Admission to the Teacher Education Program (see TEPAR) and at least two elementary school methods courses. Directed observation and limited participation in an elementary school program. One hour of seminar and five hours of lab. Grading is pass/no credit.
- ED 412: Classroom Management in the Elementary School** **3 cr.**
Prerequisite: Must be taken concurrently with ED 411. A study of classroom management techniques and research related to effective management of the elementary classroom learning environment, student behavior, and classroom resources. Three hours of lecture.
- ED 413: The Middle School** **3 cr.**
Prerequisite: ED 201 and PSYC 206 or consent of the department. A study of principles, practices, trends and issues in curriculum and instruction in schools serving early adolescent learners. Fifteen hours of participation in a middle school classroom are required. Three hours of lecture.
- ED 414: Classroom Management in the Secondary School** **3 cr.**
A study of classroom management techniques and research related to effective management of classroom learning environments, student behaviors, and classroom resources in the secondary school. Three hours of lecture.

- ED 416: Practicum in Elementary Mathematics** **3 cr.**
Prerequisite: ED 308 (ECE majors) or ED 309 (Elementary ED majors). Directed observation and participation in elementary mathematics classrooms. Students will experience practical application of the elementary mathematics curriculum, including scope and sequence of skills, organization of instruction, teaching strategies, and evaluation and assessment techniques. One hour of lecture, two hours of lab.
- ED 417: Foundations of Early Childhood Education** **3 cr.**
An overview of the history, theories, and issues of pre-primary educational programs with an emphasis on current research. Designed to help students with analysis/synthesis of information on critical issues concerning young children. Three hours of lecture.
- ED 418: Materials and Methods in Early Childhood Education** **3 cr.**
Prerequisite: Credit for or concurrent registration in ED417. Theoretical bases of early childhood curriculum development, design of curricula, organization of instruction, teaching strategies, and evaluation and assessment techniques. Three hours of lecture.
- ED 419: Language Development and Communication Skills** **3 cr.**
Prerequisites: PSYC 207 and credit for or concurrent registration in ED417. Study of knowledge, skills, and dispositions needed to plan for and facilitate developmentally appropriate communication experiences of young children. Three hours of lecture.
- ED 420: Nursery and Preschool Education** **3 cr.**
Prerequisites: PSYC 207 and credit for or concurrent registration in ED417. The study of appropriate educational settings and curricula for children birth to five. Three hours of lecture.
- ED 421: Observation and Participation in the Secondary School** **2 cr.**
Prerequisites: Admission to the Teacher Education Program (see TEPAR) and at least one secondary-school methods course. Directed observation and limited participation in a junior or senior high school program. One hour of seminar and five hours of lab. Grading is pass/no credit.
- ED 422: Student Teaching** **6-12 cr.**
Prerequisites: See "Student Teaching" in this Catalog. Supervised experience in planning, directing, and evaluating learning experiences in elementary education, in secondary education, special education, or speech and hearing therapy. Grading is pass/no credit.
- ED 423: Practicum** **3-6 cr.**
Prerequisites: Completion of or concurrent enrollment in ED 422. Supervised experience working with students in kindergarten, special education, or gifted education setting. Grading is Pass/No Credit.
- ED 424: Internship** **3-6 cr.**
Prerequisites: Possession of baccalaureate degree and completion of Alternate Post-Baccalaureate Certification requirements. Designed for Alternate Post-Baccalaureate Certification elementary and secondary school teachers who are employed full-time in their academic majors on temporary teaching certificates. Must be repeated in two consecutive terms. Alternate Post-Baccalaureate certification students must complete twelve credits for completion of certification requirements. MAC students (Master's and Alternate Certification majors) must complete six credits for completion of certification requirements. Pass/No Credit.
- ED 435: Materials and Methods in Secondary Sciences** **3 cr.**
Prerequisites: ED 201, PSYC 206, and at least twenty-four term hours of biological and physical sciences. Curriculum and methods in teaching sciences in secondary schools with an emphasis on lesson plan writing and demonstration lessons. Fifteen hours of participation in middle/high school classroom is required. Three hours of lecture.
- ED 436: Materials and Methods in Secondary English** **3 cr.**
Prerequisites: ED 201, PSYC 206, ED 320 and at least eighteen term hours in English. Curriculum and methods in teaching English in secondary schools with an emphasis on lesson plan writing and demonstration lessons. Fifteen hours of participation in a high school classroom are required. Three hours of lecture.
- ED 437: Materials and Methods in Secondary Mathematics** **3 cr.**
Prerequisites: ED 201, PSYC 206, and at least fifteen term hours of mathematics. Curriculum and methods in teaching mathematics in secondary schools with an emphasis on lesson plan writing and demonstration lessons. Three hours of lecture.
- ED 438: Materials and Methods in Secondary Social Studies** **3 cr.**
Prerequisite: ED 201, PSYC 206, ED 320 and at least eighteen term hours in social science. Curriculum and methods in teaching social studies in secondary schools with an emphasis on lesson plan writing and demonstration lessons. Ten hours of participation in a high school classroom are required. Three hours of lecture.
- ED 439: Materials and Methods in Art Education** **3 cr.**
Prerequisites: ED 201, PSYC 206, ED 320 and at least eighteen term hours in fine arts. Curriculum and methods in teaching fine arts in secondary schools with an emphasis on lesson plan writing and demonstration lessons. Ten hours of participation in a high school classroom are required. Three hours of lecture.
- ED 440: Materials and Methods in Foreign Language Education** **3 cr.**
Prerequisites: ED 201, PSYC 206, ED 320 and at least eighteen term hours in foreign language. Curriculum and methods in teaching foreign language in secondary schools with an emphasis on lesson plan writing and demonstration lessons. Ten hours of participation in a high school classroom are required. Three hours of lecture.
- ED 490: Special Topics in Education** **3 cr.**
Prerequisite: Consent of the department. Current and/or special issues in education will vary from term to term. May be repeated for credit for a maximum of six term hours. Three hours of lecture.
- ED 700: Foundations of Education** **3 cr.**
A broad overview of the history, philosophy, curriculum, structure and organization of the American education system. Three hours of lecture.
- ED 703: History of American Education** **3 cr.**
A survey of the growth and development of educational thought, institutions, and practices in America from the Sixteenth Century to the present, with special emphasis on the school. Three hours of lecture.

ED 704: Foundations of Educational Research	3 cr.
Prerequisite: PSYC 216 or equivalent or consent of department. A study of research methods in education and their empirical foundations, with emphasis on interpreting the literature in the field. The candidate will develop a written research proposal. Three hours of lecture.	
ED 705: Philosophy of Education	3 cr.
A study of philosophical method and thought and their implications for education. Three hours of lecture.	
ED 711: Principles of Elementary Education	3 cr.
A study of the development, purposes, and organization of elementary schools, and of curriculum models and instructional practices appropriate for elementary school students. Three hours of lecture.	
ED 716: Principles of Secondary Education	3 cr.
A study of the development, purposes, and organization of secondary schools, and of curriculum models and instructional practices appropriate for secondary school students. Three hours of lecture.	
ED 720: Curriculum	3 cr.
A systematic study of the history, theory and practice of curriculum development in American education. Three hours of lecture.	
ED 723: Advanced Topics in Language Arts	3 cr.
A study of principles, practices, trends, and issues in language arts with emphasis on the relationship between written communication and reading. For teachers of elementary and middle school. Three hours of lecture.	
ED 724: Advanced Evaluation of Instruction	3 cr.
Study of the design and interpretation of formal and informal evaluative devices as well as the use of standardized instruments. Three hours of lecture.	
ED 725: Practical Applications of Curriculum in Elementary and Secondary Schools	3 cr.
The principles and processes of curriculum implementation and application in the elementary and secondary school. Three hours of lecture.	
ED 726: Advanced Topics in Mathematics Education	3 cr.
A study of curriculum in school mathematics and instructional strategies with emphasis on diagnosis and remediation. Three hours of lecture.	
ED 727: Advanced Topics in Teaching English	3 cr.
Prerequisite: Consent of the department. A study of theory and strategies for teaching English. Designed around major topics of concern to certified teachers. Three hours of lecture.	
ED 729: Advanced Topics in Social Studies	3 cr.
An analysis of curricular issues, teaching practices, and social influences concerning modern social studies education. Three hours of lecture.	
ED 730: Supervision of Instruction	3 cr.
Study of the theory and application of instructional leadership and supervision. Three hours of lecture.	
ED 731: Preservice Supervision	3 cr.
A study of principles and techniques used in the supervision of student teaching. Three hours of observation in K-12 classroom required. Three hours of lecture.	
ED 732 Social and Cultural Foundations in Counseling	3 cr.
Prerequisite: PSYC 720. An overview of social and cultural backgrounds of minority groups and how the various backgrounds affect an individual's participation in and responsiveness to counseling. Emphasis on adjusting counseling techniques to fit the social and cultural background of the client. Three hours of lecture. Also listed as PSYC 732.	
ED 733: Career and Lifestyle Development in Counseling	3 cr.
A survey of the basic concepts underlying the process of career development with an emphasis on theory-driven vocational assessment and counseling techniques used across the life-span. Three hours of lecture.	
ED 735: School Administration	3 cr.
Study of organization and administration of elementary and secondary schools. Three hours of lecture.	
ED 736: School Law	3 cr.
Provides the school administrator with a broad knowledge of statutory considerations and specific Louisiana educational statutes. Three hours of lecture.	
ED 737: The Elementary School Principalship	3 cr.
Study of theory and practice for effective management of elementary schools. Three hours of lecture.	
ED 738: The Secondary School Principalship	3 cr.
Study of Theory and practice for effective management of secondary schools. Three hours of lecture.	
ED 740: Foundations in Reading	3 cr.
Study of the theories and models of reading and the various instructional approaches to the teaching of reading. Provides an overview of the reading process from emergent literacy through adulthood. Includes practical training in vocabulary and comprehension development. Three hours of lecture.	
ED 741: Reading Assessment	3 cr.
Prerequisite: ED 740 or consent of the department. Study of formal and informal diagnostic tests and techniques used in assessing reading ability with emphasis on organizing and implementing assessment based instruction. Three hours of lecture.	
ED 743: Practicum in Reading	3 cr.
Prerequisite: ED 741. A supervised practicum for students seeking reading specialist certification. Emphasis is on the application of specialized remedial techniques in a classroom setting. Two hours lecture and two hours of lab.	
ED 744: Reading in the Content Areas	3 cr.
Strategies and practices for teaching reading in the content areas including social studies, mathematics, English, science and other areas. The focus is on middle school and high school classroom instruction. Three hours of lecture.	

- ED 745: Seminar in Research Literature in Reading and Literacy** **3 cr.**
An examination of classic and contemporary research and theory in reading/literacy education. Study of the theories and models of reading and the various instructional approaches to the teaching of reading. Provides an overview of the reading process from emergent literacy through adulthood. Includes practical training in vocabulary and comprehension development. Three hours of lecture.
- ED 746: Literacy Coaching** **3 cr.**
This course will apply in-depth knowledge of reading processes, acquisition, assessment, and instruction as it relates to the organizational patterns, instruction approaches, and appropriate materials that can be adapted to operation of a total reading program meeting individual, group, or special needs of children. Developing and providing support and professional development for implementation of effective instructional practices will be the focus of field experience projects. Three hours of lecture.
- ED 750: Principles of Guidance** **3 cr.**
A survey of guidance including historical perspective, principles, organization and techniques. Three hours of lecture.
- ED 755: Guidance Practicum** **3 cr.**
Prerequisite: 15 hours in specialty area toward program including ED 750 and/or permission of the department. Supervised experience in working with children and youth in a school guidance program. A minimum of 80 hours of practical experience will be required. Three hours of lecture/lab.
- ED 760: Administration and Organization of Special Education Programs** **3 cr.**
Review of principles and problems of program organization and service delivery for special education in the public schools including laws, regulations, and guidelines for development of local policy, responsibilities of special education officials, and problems of administration of programs. Three hours of lecture.
- ED 762: The Teacher as Consultant** **3 cr.**
Provides knowledge of educational consultation and skills necessary to be an effective consultant to regular and special education teachers concerning children who are experiencing learning and/or behavior problems at school. Three hours of lecture.
- ED 763: Teaching for Social and Emotional Development of the Gifted** **3 cr.**
This course focuses on the nature of gifted learners and how they differ developmentally in cognitive and affective behaviors from more typical learners. Candidates will examine theories of curriculum development, perspectives for integration of affective and cognitive instructions, and research-based, field-tested strategies through which to provide guidance and counsel to the gifted in classroom contexts. Three hours of lecture.
- ED 764: Characteristics/Study of Gifted Individuals** **3 cr.**
Prerequisite: Consent of the department. A study of the characteristics and identification of gifted individuals to include areas of concern in gifted education (handicapped gifted, underachieving gifted, disadvantaged gifted). Three hours of lecture.
- ED 765: Methods of Teaching the Gifted** **3 cr.**
Prerequisite: Consent of the department. A comprehensive review of teaching-learning strategies that can be used in the implementation of a curriculum for gifted students. Three hours of lecture.
- ED 766: Curriculum Development for the Gifted** **3 cr.**
Prerequisite: Consent of the department. A study of modifications of the regular curriculum's content, processes, products, and learning environment to make it more appropriate for gifted students. Included will be recommendations for curriculum development with several examples of appropriate curriculum. Three hours of lecture.
- ED 767: Organization and Management of Special Education Classes** **3 cr.**
Prerequisites: ED 411/421, ED 304, PSYC 455 or consent of the department. A study of the major systems and current research in classroom organization and behavior management in special education. Non-aversive controls, developmental methods, and parent-teacher relationships are emphasized. Three hours of lecture.
- ED 768: Teaching Exceptional Children in Inclusive Classrooms** **3 cr.**
A study of the various facets of inclusion practice through which educators can enhance their powers of creativity using the techniques of experiential education based on cooperative teaching and learning models.
- ED 769: The Exceptional Child in Today's Schools** **3 cr.**
A comprehensive survey of research, issues, and practice affecting educational provisions for exceptional children.
- ED 770: School and Community Relations** **3 cr.**
The study of concepts and practices for developing and maintaining informed involvement of communities with public schools. Three hours of lecture.
- ED 772: Financing Public Education** **3 cr.**
Study of problems and issues related to the appropriation and allocation of public financial resources for education. Three hours of lecture.
- ED 773: Developing Creative Thought in Gifted Learners** **3 cr.**
A study of identification procedures, teaching methods, and instructional processes for addressing needs of creative individuals. Emphases will include designing instruction to promote creative behavior. Candidates will examine theory, research, issues, and resources. Three hours of lecture.
- ED 774: School Personnel Administration** **3 cr.**
Study of concepts and practices in recruitment, selection, development and utilization of professional human resources in educational organizations. Three hours of lecture.
- ED 777: Practicum in Gifted Education** **3 cr.**
Prerequisite: a minimum of nine hours of coursework in gifted education and/or consent of the department. This course is designed to relate theory to practice in a realistic setting. The student is placed in a situation to obtain experiences relating directly or indirectly to the areas being studied. A minimum of 100 hours of practical experience will be required. Three hours of lecture/lab.
- ED 778: Practicum in Clinical Supervision** **3 cr.**
Prerequisite: ED 730. Directed experience in planning and implementing clinical supervision models. One hour seminar and 10 hours laboratory.

- ED 780: Educational Technology Applied to the Classroom** **3 cr.**
A hands on, project-centered course using technology in the classroom, with attention to selection of hardware and software, use of multimedia authoring tools and communications technology in the development of instructional materials. Three hours of lecture.
- ED 781: Multimedia and Video in the Classroom** **3 cr.**
Prerequisite: ED 780. A hands on, project centered course on using multimedia and video more effectively in the classroom, with attention to the creation and effective use of sound and video in the development of instructional materials. Two hours of lecture; two hours of lab.
- ED 782: Curriculum Development** **3 cr.**
Prerequisite: ED 780 and ED 781. The production of a CD and a video on selected topics in education. Two hours of lecture and two hours of lab.
- ED 783: Teaching Science and Math Using Technology** **3 cr.**
Prerequisite: ED 780. A hands-on, project centered course on using the latest technology to teach math and science in the classroom. Two hours lecture and two hours laboratory.
- ED 784: Educational Telecommunications, Networks, and the Internet** **3 cr.**
Prerequisite: ED 780. Hands-on activities involving the planning, development, implementation, and management of distance learning, networking, and Internet use for teaching and learning.
- ED 785: Technology Leadership in Schools** **3 cr.**
Prerequisite: ED 784. Development of foundation skills for managing technology at the school site. Skills include school-wide planning that incorporates instructional design, curriculum integration with standards, and logistics of technology implementation, training, and evaluation.
- ED 790: Special Problems in Education** **3 cr.**
May be repeated for credit for a maximum of six term hours. Intensive study, research, and reporting on a significant problem in education. Three hours of lecture.
- ED 795: Independent Study in Education** **3 cr.**
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. An independent study directed by an assigned member of the Education faculty. Formal paper required. Three hours of research.
- ED 798: M. ED. Final Project** **3 cr.**
Prerequisite: M. Ed. candidacy, 30 hours toward degree plan, including ED 704. A research project developed and executed by the candidate. The candidate will present findings in an oral presentation and a written manuscript. The document will include an extensive review of existing research on the topic, methodology, and data analysis implemented by the candidate, and discussion. The class includes 20 hours of field experience. Class will meet for informational seminars and students will work 1:1 with instructor. Candidate to receive three hours credit.
- ED 799: Thesis** **1-6 cr.**
Prerequisite: Twenty-seven hours toward degree plan (exceptions may be made for full-time graduate students), ED 704, and consent of the department. Designed as a research option in the MEDCI degree program. Final grading is on a pass/no credit basis. One to six credits per term.

EDUCATIONAL LEADERSHIP

- EDL 700: Creating a Professional Learning Community** **3 cr.**
The Professional Learning Community (PLC) provides potential teacher leaders and administrators with a structure for continuing professional growth and information and activities aligned with best practices and current research on initiatives that support the Louisiana Accountability System, the School Improvement Process, and the Standards for School Principals in Louisiana.
- EDL 701: Leading with Vision** **3 cr.**
This course explores an area of school leadership that is essential for improving student achievement: developing a vision of teaching and learning that is shared by all stakeholders. It examines ways to develop, articulate, implement, and steward a shared vision.
- EDL 702: Legal and Ethical Issues in Education** **3 cr.**
This course is designed to provide candidates with the fundamental concepts of American school law and how to apply the law to real world school settings. Included is coverage of specific Louisiana educational statutes. Ethical theories and ideas will also be explored. The course will emphasize and focus on legal and ethical issues that teachers and administrators confront in their work.
- EDL 707: Utilizing Data for School Improvement** **3 cr.**
This course focuses on the collection and analysis of data sources relevant in educational settings and emphasizes analyses of work samples, observations, inquiry data, artifacts, and standardized test scores. Throughout the course students collect and analyze school improvement data.
- EDL 710: Leading Instruction and Assessment** **3 cr.**
A study of the role of organizational leadership in the development of instructional goals, instructional programs, evaluation procedures and procedures for educational change.
- EDL 711: Funding Public Education** **3 cr.**
The study of problems and issues related to the appropriation and allocation of public financial resources for education.
- EDL 712: Facilitating Human Resource Development and Empowerment** **3 cr.**
The study of concepts and practices in recruitment, selection, development, and utilization of professional human resources in educational organizations.
- EDL 713: Mobilizing the Community** **3 cr.**
The study of concepts and practices for developing and maintaining informed involvement of communities with public schools.
- EDL 715: Internship in Educational Leadership** **3 cr.**
Prerequisite: 30 hours toward degree or consent of the department. The internship, which will be required of all administrative program candidates, serves as the culminating experience and the capstone of the degree program. During the internship, candidates will

assess the suitability of their skills and dispositions for administrative work; integrate skills and knowledge previously acquired; and become socialized into the administrative role under the supervision of a local school district administrator and a university faculty member.

EDL 775: Educational Leadership Assessment

0 cr.

Successful completion of the School Leaders Licensure Assessment as required by the Educational Leadership Constituent Council, the Specialized Program Association of NCATE (National Council for Accreditation of Teacher Education) and the Louisiana State Department of Education. The candidate registers for this course once successful scores have been submitted to the department, thus allowing graduation. Pass/No Credit.

ENGINEERING

ENG 245: Static

3 cr.

Prerequisite: MATH 222. Vectorial treatment of resultants and equilibrium of force systems, centroids and centers of gravity, fluid statics, friction. Three hours of lecture.

ENGLISH

Placement and Prerequisite Policy for Freshman English: ENGL 005: Enhanced English ACT score below 18. (Students in this category may elect to write an essay during registration; successful students may then be placed in English 105.) ENGL 105: Enhanced English ACT score of 18 or higher. ENGL 115: Enhanced English ACT score of 24 or higher and composite plus English of 51 or higher and written essay judged adequate by the Department of English. If all three criteria have been met, the student will receive three hours credit for English 105. In the absence of clear placement information, placement in the student's first English course is determined by the English Department rather than by the student's adviser. A student may not enroll in English 115 without credit in English 105 or its equivalent.

ENGL 005: Developmental English Composition

3 cr.

An introductory writing course that stresses the development of multi-paragraph expository essays. Teaches how to create a thesis and develop it in unified paragraphs; includes a review of grammar and spelling as well as practice in the techniques of critical reading. Does not satisfy general education requirement for freshman composition. Three hours of lecture. Grading is on a pass-no credit basis.

ENGL 100: English Grammar Review

3 cr.

A review of the fundamentals of grammar and punctuation. Emphasizes techniques for avoiding the most common problems in sentence structure and most common errors in mechanics. Does not satisfy general education requirement for freshman composition. Three hours of lecture. Grading is on a pass-no credit basis.

ENGL 105: English Composition I*

3 cr.

A writing course that stresses exposition and argumentation and introduces students to library research. Employs selected readings to illustrate a variety of rhetorical strategies and to enhance critical reading skills. Three hours of lecture.

ENGL 115: English Composition II*

3 cr.

Prerequisite: ENGL 105. A writing course that further develops the writing, research, and critical reading skills acquired in ENGL 105. Emphasizes the analysis and interpretation of literature. Three hours of lecture.

ENGL 115H: Honors English Composition II*

3 cr.

Prerequisite: ENGL 105 and consent of the department. A section of ENGL 115 open to students who have tested out of or performed exceptionally well in ENGL 105. Offers reading and writing assignments enriched for accelerated learning. Three hours of lecture.

ENGL 200: Introduction to Literary Studies

3 cr.

Prerequisite: ENGL 115. This course introduces students to the formal study of literature, and to trends in criticism and theory. Students learn techniques of close contextual reading, interpretive strategies, techniques of literary analysis, and strategies for writing effective analytical papers. The course also provides a hands-on guide to literary research, including Electronic databases and the Internet. Three hours of lecture.

ENGL 205: Introduction to British Literature*

3 cr.

Prerequisite: ENGL 115. The study of major British authors from the Middle Ages through the modern period. Emphasizes such writers as Chaucer, Shakespeare, Milton, Wordsworth, Keats, Tennyson, Browning, Yeats, Joyce, and Woolf. Three hours of lecture.

ENGL 210: Introduction to American Literature*

3 cr.

Prerequisite: ENGL 115. The study of major American authors from the colonial through the modern periods. Emphasizes such writers as Edwards, Franklin, Whitman, Hawthorne, Dickinson, Twain, Eliot, and Faulkner. Three hours of lecture.

ENGL 215: Introduction to Fiction*

3 cr.

Prerequisite: ENGL 115. An introduction to the short story, the novella, and the novel. Emphasizes works by American and British writers, with some attention to works in translation from other cultures. Three hours of lecture.

ENGL 220: Introduction to Poetry and Drama*

3 cr.

Prerequisite: ENGL 115. An introduction to the lyric, the ballad, and other poetic forms and to tragedy, comedy, and other dramatic forms. Emphasizes works by American and British writers, with some attention to works in translation from other cultures. Three hours of lecture.

ENGL 225: Tutoring Writing

1 cr.

Prerequisite: ENGL 105 and 115 with a GPA in those courses of 3.5 and consent of the department. A writing course that offers practical experience in tutoring other students in the Writing Center. Emphasizes the writing process and strategies for helping others improve their writing. May be repeated for up to three hours credit. One hour of lecture, three hours of lab.

ENGL 226: Advanced Composition

3 cr.

Prerequisite: ENGL 115. A generalized writing course for those wishing to improve their ability to communicate to a non-technical audience. Gives some attention to argumentation but focuses on exposition, description, and narration. Three hours of lecture.

- ENGL 228: Writing Fiction and Poetry I** 3 cr.
An introductory creative writing course that offers workshop criticism of student work. For fiction, emphasizes techniques of point of view, dialogue, setting, and characterization; for poetry, techniques of open and closed forms, with special attention to contemporary methods. Three hours of lecture.
- ENGL 301: Introduction to Linguistics** 3 cr.
Prerequisite: ENGL 115. A study of syntax, semantics, phonology, and pragmatics. Emphasizes socio-linguistic topics such as dialectal variation, attitudes about language change, and differing conceptions of correctness and propriety. Three hours of lecture.
- ENGL 308: Survey of African-American Literature** 3 cr.
Prerequisite: ENGL 205, 210, 215, or 220. A survey of literature written by African-Americans from the colonial period to the present. Emphasizes such writers as Douglas, Hughes, Wright, Ellison, Brooks, Baldwin, and Morrison. Three hours of lecture.
- ENGL 315: Science Fiction and Fantasy Literature** 3 cr.
Prerequisite: ENGL 205, 210, 215, or 220. The origin, development, and common themes of fantasy and science fiction as literary and cinematic subgenres, with attention to the distinguishing traits of these subgenres, their social and literary functions, and their variations from mainstream fiction. Three hours of lecture.
- ENGL 321: Literature of the Old Testament** 3 cr.
Prerequisite: ENGL 205, 210, 215, or 220. A study of selections from the Old Testament that represent such literary forms as the epic, lyric poetry, and tragedy. Emphasizes selections' literary value. Three hours of lecture.
- ENGL 322 Literature of the New Testament** 3 cr.
Prerequisite: ENGL 205, 210, 215, or 220. Interpretation of New Testament literature through rhetorical criticism and study of the influence of Classical Rhetoric on New Testament thought. Three hours of lecture.
- ENGL 325: Technical Writing** 3 cr.
Prerequisite: ENGL 115. A specialized writing course for students in the sciences, computer science, engineering, and agriculture. Emphasizes proposals, reports, technical papers, and correspondence. Three hours of lecture.
- ENGL 326: Writing in the Humanities** 3 cr.
Prerequisite: ENGL 115. A specialized writing course for students in the humanities, including the arts and social sciences. Emphasizes analysis, explication, and evaluation. Three hours of lecture.
- ENGL 340: Introduction to Screenwriting** 3 cr.
Prerequisite: ENGL 115. An introduction to narrative theory, Hollywood's approach to storytelling, and the conventions of writing for the screen. Three hours of lecture. Also listed as FILM 340.
- ENGL 390: Special Topics** 3 cr.
Prerequisite: Completion of sophomore English requirement or consent of the department. May be repeated for credit for a maximum of 6 term hours. Various topics selected from the areas of literature, writing, linguistics, film, or pedagogy and intended for the nonspecialist. Three hours of lecture.
- ENGL 400: History of the English Language** 3 cr.
Prerequisite: Completion of sophomore English requirement. A study of the development of the language from Old English to Modern English. Emphasizes changes in grammar, phonology, and vocabulary. Three hours of lecture.
- ENGL 405: Early Classics in Translation** 3 cr.
Prerequisite: Completion of sophomore English requirement. A survey of epic, lyric, and dramatic literature, in translation, from the Greek and Roman period to late medieval times. Emphasizes such writers as Homer, Sappho, Sophocles, Ovid, Horace, Virgil, and Dante. Three hours of lecture.
- ENGL 406: Chaucer: *The Canterbury Tales*** 3 cr.
Prerequisite: Completion of sophomore English requirement. A close study of *The Canterbury Tales* with some attention to Chaucer's other works and his language. Places Chaucer in historical context; considers his use of such medieval genres as the fabliau, the beast fable, and the romance; and explores the issue of the collection's artistic unity. Three hours of lecture.
- ENGL 407: Studies in Medieval Literature** 3 cr.
Prerequisite: Completion of sophomore English requirement. A study of a related body of works from the middle ages. Emphasizes a genre such as drama or a theme such as Arthurian legend. Three hours of lecture.
- ENGL 408: Shakespeare: Early Works** 3 cr.
Prerequisite: Completion of sophomore English requirement. A study of Shakespeare's developing artistry to about 1600. Emphasizes the drama, with some attention to the poetry and the intellectual and cultural milieu. Three hours of lecture.
- ENGL 409: Shakespeare: Later Works** 3 cr.
Prerequisite: Completion of sophomore English requirement. A study of Shakespeare's maturing artistry after about 1600. Emphasizes achievements in drama, with some attention to the poetry and the intellectual and cultural milieu. Three hours of lecture.
- ENGL 410: Studies in Early-Modern Literature** 3 cr.
Prerequisite: Completion of sophomore English requirement. A study of a related body of works from about 1485 to 1660. Topics may vary each term. Emphasizes a genre such as drama or a theme such as humanism. Three hours of lecture.
- ENGL 412: Shakespeare and Film** 3 cr.
Prerequisite: Completion of sophomore English requirement. A study of interrelationships between contemporary cinema and the timeless drama of William Shakespeare. Primary focus will be on film as an interpretive prism, with some attention paid to the history of Shakespeare on film. Emphasizes the comparative study of scenes from selected plays. Three hours of seminar. Also listed as FILM 412.
- ENGL 420: Milton and Early Seventeenth-Century British Poetry** 3 cr.
Prerequisite: Completion of sophomore English requirement. A study of Milton's major poetry and that of other poets writing between 1600 and the restoration of the monarchy in 1660. Focuses on *Paradise Lost* and on works of such poets as Donne, Herbert, and Marvell. Three hours of lecture.

- ENGL 428: Writing Fiction and Poetry II** **3 cr.**
Prerequisite: ENGL 228 or consent of the department. An advanced creative writing course that offers workshop criticism of student work. For fiction, emphasizes techniques of point of view, dialogue, setting, and characterization; for poetry, techniques of open and closed forms, with special attention to contemporary methods. Three hours of lecture.
- ENGL 430: Restoration and Eighteenth-Century British Literature** **3 cr.**
Prerequisite: Completion of sophomore English requirement. A study of the literature from the restoration of the monarchy in 1660 to about 1798, with attention to the emergence of neoclassicism and other aspects of the intellectual and artistic milieu. Emphasizes such writers as Dryden, Wycherly, Pope, Swift, Johnson, and Goldsmith. Three hours of lecture.
- ENGL 435: The British Novel to 1900** **3 cr.**
Prerequisite: Completion of sophomore English requirement. A study of the development of the British novel from its beginnings through the nineteenth century. Emphasizes such writers as Fielding, Sterne, Austen, Dickens, the Brontes, Eliot, and Hardy. Three hours of lecture.
- ENGL 440: The British Romantic Period** **3 cr.**
Prerequisite: Completion of sophomore English requirement. A study of British literature from about 1780 to the coronation of Queen Victoria in 1837. Emphasizes such writers as Blake, Wordsworth, Coleridge, Byron, Shelley, Keats, Hazlitt, and de Quincey. Three hours lecture.
- ENGL 450: The British Victorian Period** **3 cr.**
Prerequisite: Completion of sophomore English requirement. A study of British literature from the coronation of Queen Victoria in 1837 to her death in 1901. Emphasizes such writers as the Brownings, Tennyson, Arnold, the Rossettis, Carlyle, Ruskin, and Pater. Three hours of lecture.
- ENGL 455: Modern Drama** **3 cr.**
Prerequisite: Completion of sophomore English requirement. A study of developments in British and American drama from about 1870 to the present, with some attention to European influences and contemporaries. Emphasizes such writers as Ibsen, Shaw, Beckett, Pinter, O'Neill, Williams, Brecht, and Albee. Three hours of lecture.
- ENGL 460: Modern Fiction** **3 cr.**
Prerequisite: Completion of sophomore English requirement. A study of developments in British and American fiction from about 1900 to the present. Emphasizes such writers as Joyce, Lawrence, Woolf, Forster, Faulkner, Hemingway, and Bellow. Three hours of lecture.
- ENGL 465: Modern Poetry** **3 cr.**
Prerequisite: Completion of sophomore English requirement. A study of developments in British and American poetry from about 1870 to the present. Emphasizes such poets as Hopkins, Eliot, Yeats, Pound, Frost, Stevens, Roethke, and Rich. Three hours of lecture.
- ENGL 470: American Literature to 1860** **3 cr.**
Prerequisite: Completion of sophomore English requirement. A survey of colonial and pre-Civil War American Literature. Emphasizes such authors as Edwards, Franklin, Emerson, Thoreau, Whitman, Hawthorne, and Melville. Three hours of lecture.
- ENGL 471: American Literature Since 1860** **3 cr.**
Prerequisite: Completion of sophomore English requirement. A survey of American literature from the Civil War to the present. Emphasizes such authors as Dickinson, Twain, Crane, Eliot, Frost, Faulkner, Hemingway, O'Neill, and Hughes. Three hours of lecture.
- ENGL 475: American Novel to 1900** **3 cr.**
Prerequisite: Completion of sophomore English requirement. A study of developments in the novel from the beginnings to 1900. Emphasizes such writers as Cooper, Hawthorne, Melville, Twain, James, Howells, and Crane. Three hours of lecture.
- ENGL 478: Literature of the South** **3 cr.**
Prerequisite: Completion of sophomore English requirement. A study of developments in the literature written by Southerners, with some attention to the historical and cultural backgrounds. Emphasizes such writers as Cable, Chopin, Faulkner, O'Connor, Welty, Williams, and Warren. Three hours of lecture.
- ENGL 480: History and Development of Literary Criticism** **3 cr.**
Prerequisite: Completion of sophomore English requirement. A survey of the history and development of theories of literary criticism from the classical period to the present. Emphasizes historical and cultural influences on theoretical approaches, with some attention to contemporary applications. Three hours of lecture.
- ENGL 485: World Literature** **3 cr.**
Prerequisite: Completion of sophomore English requirement. A survey of literature representing Latin American, European, African, Asian, and Middle Eastern cultures. Covers mythology, folklore, and such ancient works as the epic Gilgamesh, as well as works by more modern writers such as Flaubert, Chekov, Ibsen, Marquez, Achebe, and Kawabata. Three hours of lecture.
- ENGL 489: Senior Capstone** **3 cr.**
Prerequisite: 18 hours of upper-level English. A course designed to encourage majors to synthesize their course of study in order to enlarge their appreciation of the aesthetic, historical, and cultural values of literature. Includes attention to professional issues, graduate school requirements, and career opportunities. Three hours of lecture.
- ENGL 490: Studies in English** **3 cr.**
Prerequisite: Completion of sophomore English requirement and consent of the department. A variable-topics course for advanced students interested in studying a topic more deeply than regular offerings permit. May focus on a major author, a literary period, a genre, literary criticism, creative writing, linguistics, or pedagogy. May be repeated once for credit. Three hours of lecture.
- ENGL 495: Independent Studies in English** **3 cr.**
Prerequisite: Completion of six hours of English at the 300 level or above and consent of the department. A special-topics course that permits students who have demonstrated exceptional competence to pursue a special interest under the direction of a faculty member. Involves extensive readings, original research, and a series of reports or critical analyses. May be repeated once for credit. Three hours of research.
- ENGL 499: Writing Internship** **3 cr.**
Prerequisites: ENGL 325 or 326, senior standing, at least a 3.0 GPA, and consent of the department. A writing course offering professional writing experience for English majors or students in the Writing Specialization. Usually involves writing and editing for a local business or governmental agency. Ten to fifteen hours of laboratory per week. Grading is on a pass-no credit basis.

- ENGL 600: History of the English Language** 3 cr.
A study of the development of the language from Old English to Modern English. Emphasizes changes in grammar, phonology, and vocabulary. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 605: Early Classics in Translation** 3 cr.
A survey of epic, lyric, and dramatic literature, in translation, from the Greek and Roman period to late medieval times. Emphasizes such writers as Homer, Sappho, Sophocles, Ovid, Horace, Virgil, and Dante. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 606: Chaucer: *The Canterbury Tales*** 3 cr.
A close study of *The Canterbury Tales* with some attention to Chaucer's other works and his language. Places Chaucer in historical context; considers his use of such medieval genres as the fabliau, the beast fable, and the romance; and explores the issue of the collection's artistic unity. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 607: Studies in Medieval Literature** 3 cr.
A study of a related body of works from the middle ages. Emphasizes a genre such as drama or a theme such as Arthurian legend. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 608: Shakespeare: Early Works** 3 cr.
A study of Shakespeare's developing artistry to about 1600. Emphasizes the drama, with some attention to the poetry and the intellectual and cultural milieu. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 609: Shakespeare: Later Works** 3 cr.
A study of Shakespeare's maturing artistry after about 1600. Emphasizes achievements in drama, with some attention to the poetry and the intellectual and cultural milieu. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 610: Renaissance Poetry and Drama** 3 cr.
A survey of the poetry from about 1500 to about 1600 and of the non-Shakespearean drama from about 1500 to the closing of the theaters in 1642. Emphasizes such authors as Wyatt, Sydney, Spenser, Kyd, Marlowe, Jonson, and Webster. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 612: Shakespeare and Film** 3 cr.
This seminar explores the interrelationships between contemporary cinema and the timeless drama of William Shakespeare. Primary focus will be on film as an interpretive prism, with some attention paid to the history of Shakespeare on film, the playwright's script as "source," and ways in which dramatists and directors seek to control audience response. Emphasizes the comparative study of scenes from selected plays. Students will discover, through discussion, writing exercises and oral reports the significant differences and surprising similarities between Shakespeare's stage productions and the productions of those authors who translate his works to cinema.
- ENGL 620: Milton and Early Seventeenth-Century British Poetry** 3 cr.
A study of Milton's major poetry and that of other poets writing between 1600 and the restoration of the monarchy in 1660. Focuses on *Paradise Lost* and on works of such poets as Donne, Herbert, and Marvell. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 628: Writing Fiction and Poetry II** 3 cr.
An advanced creative writing course that offers workshop criticism of student work. For fiction, emphasizes techniques of point of view, dialogue, setting, and characterization; for poetry, techniques of open and closed forms, with special attention to contemporary methods. Requires submission of a substantial body of creative work, as well as written scholarly analyses of modes and trends in criticism. Three hours of lecture.
- ENGL 630: Restoration and Eighteenth-Century British Literature** 3 cr.
A study of the literature from the restoration of the monarchy in 1660 to about 1798, with attention to the emergence of neoclassicism and other aspects of the intellectual and artistic milieu. Emphasizes such writers as Dryden, Wycherly, Pope, Swift, Johnson, and Goldsmith. Three hours of lecture.
- ENGL 635: The British Novel to 1900** 3 cr.
A study of the development of the British novel from its beginnings through the nineteenth century. Emphasizes such writers as Fielding, Sterne, Austen, Dickens, the Brontes, Eliot, and Hardy. Three hours of lecture.
- ENGL 640: The British Romantic Period** 3 cr.
A study of British literature from about 1780 to the coronation of Queen Victoria in 1837. Emphasizes such writers as Blake, Wordsworth, Coleridge, Byron, Shelley, Keats, Hazlitt, and de Quincey. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 650: The British Victorian Period** 3 cr.
A study of British literature from the coronation of Queen Victoria in 1837 to her death in 1901. Emphasizes such writers as the Brownings, Tennyson, Arnold, the Rossettis, Carlyle, Ruskin, and Pater. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 655: Modern Drama** 3 cr.
A study of developments in British and American drama from about 1870 to the present, with some attention to European influences and contemporaries. Emphasizes such writers as Ibsen, Shaw, Beckett, Pinter, O'Neill, Williams, Brecht, and Albee. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 660: Modern Fiction** 3 cr.
A study of developments in British and American fiction from about 1900 to the present. Emphasizes such writers as Joyce, Lawrence, Woolf, Forster, Faulkner, Hemingway, and Bellow. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.

- ENGL 665: Modern Poetry** 3 cr.
A study of developments in British and American poetry from about 1870 to the present. Emphasizes such poets as Hopkins, Eliot, Yeats, Pound, Frost, Stevens, Roethke, and Rich. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 670: American Literature to 1860** 3 cr.
A survey of colonial and pre-Civil War American literature. Emphasizes such authors as Edwards, Franklin, Emerson, Thoreau, Whitman, Poe, Hawthorne, and Melville. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 671: American Literature Since 1860** 3 cr.
A survey of American literature from the Civil War to the present. Emphasizes such authors as Dickinson, Twain, Crane, Eliot, Frost, Faulkner, Hemingway, O'Neil, and Hughes. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 675: American Novel to 1900** 3 cr.
A study of developments in the novel from the beginnings to 1900. Emphasizes such writers as Cooper, Hawthorne, Melville, Twain, James, Howells, and Crane. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 678: Literature of the South** 3 cr.
A study of developments in the literature written by Southerners, with some attention to the historical and cultural backgrounds. Emphasizes such writers as Cable, Chopin, Faulkner, O'Connor, Welty, Williams, and Warren. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 680: Theory and Practice of Literary Criticism** 3 cr.
Prerequisite: Consent of the department. A survey of the history and development of theories of literary criticism from the classical period to the present. Emphasizes historical and cultural influences on theoretical approaches, with some attention to contemporary applications. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 685: World Literature** 3 cr.
A survey of literature representing Latin American, European, African, Asian, and Middle Eastern cultures. Covers mythology, folklore, and such ancient works as the epic *Gilgamesh*, as well as works by more modern writers such as Flaubert, Chekov, Ibsen, Marquez, Achebe, and Kawabata. Assesses advanced critical thinking skills through scholarly reading and written analysis, as well as through oral presentations. Three hours of lecture.
- ENGL 690: Studies in English** 3 cr.
Prerequisite: Consent of the department. A variable-topics course for advanced students interested in studying a topic more deeply than regular offerings permit. May focus on a major author, a literary period, a genre, literary criticism, creative writing, linguistics, or pedagogy. May be repeated once for credit. Three hours of lecture.
- ENGL 695: Independent Studies in English** 3 cr.
Prerequisite: Consent of the department. A special-topics course that permits students who have demonstrated exceptional competence to pursue a special interest under the direction of a faculty member. Involves extensive readings, original research, and a series of reports or critical analyses. May be repeated once for credit. Three hours of research.
- ENGL 699: Writing Internship** 3 cr.
Prerequisites: Consent of the department. A writing course offering professional writing experience. Usually involves writing and editing for a local business or governmental agency. Ten to fifteen hours of laboratory per week. Grading is on a pass/no credit basis.
- ENGL 711: Shakespeare and Renaissance Ideas** 3 cr.
This course explores Shakespeare's treatment of six concepts of human learning and perfectibility basic to the humanities: concepts of education, art, ambition, honor, love and immortality. Seminar discussions draw upon the classical and Renaissance humanistic traditions which informed Shakespeare's artistic and intellectual milieu; the discussions focus upon the concepts as they appear in Shakespeare's sonnets and in a variety of his plays including *Romeo and Juliet*, *Julius Caesar*, *Hamlet*, *King Lear*, and *Macbeth*. Three hours of seminar.
- ENGL 720: Literature by Women** 3 cr.
This graduate seminar explores a range of works by women writers. Topics may be organized by genre, geographical location, historical period, or thematic content. Class discussion each week will be based around formal presentations by students. Three hours of seminar.
- ENGL 721: National Writing Project** 3 cr.
Prerequisite: Consent of the Director of the LSUS National Writing Project. This course is the theoretical component of the Summer Institute of the LSUS National Writing Project. It provides an overview of theories of writing pertinent throughout the curriculum and across all grade levels with particular concern for the theoretical issues in the use of writing to help teach content areas. Three hours of lecture.
- ENGL 790: Special Topics in Language and Literature** 3 cr.
May be repeated for credit for a maximum of six term hours. Special topics are selected from areas such as major authors, studies of periods, of genres, and of sources and influences; theory of literature and literary criticism; the history of the English language; and modern theories of language and grammar. Topics vary from term to term. Three hours of seminar.
- ENGL 791: Theory and Practice of Composition** 3 cr.
Prerequisite: Consent of department. Investigation into the nature of composition, with attention to practical techniques and immediate implementation in the composing process; heuristics, amplification, ordering: identification of audience, purpose, and strategies. Three hours of seminar.

ENVIRONMENTAL SCIENCE

- ENSC 101: Introduction to Environmental Science** **3 cr.**
Survey of contemporary environmental problems, possible solutions, and career opportunities with a particular emphasis on watershed management issues. Three hours of lecture.
- ENSC 320: Basic Hydrogeology** **3 cr.**
Prerequisite: GEOL 105. A surface water geosciences course that focuses on the physical and chemical processes driven by the cycling of continental water from soil micropores to global climate scale. Special emphasis on wetland and floodplain environments in the Red River Basin. Students will have the opportunity to work with and develop terrestrial and aquatic automated surface water monitoring sites located in the Red River Education and Research Park. Three hours of lecture. Also listed as GEOL 320.
- ENSC 330: Geomorphology** **3 cr.**
Prerequisite: GEOL 105. The origin, history and classification of landforms and the processes that shape the Earth's surface. This surficial processes course will include exercises that focus on interpretation of topographic maps, satellite and airborne remote sensing, and associated technologies (GIS and GPS). Emphasis is placed on recognition of the geological significance of landforms and the effects of land use changes in the watershed and floodplain systems within the Red River Basin. Three hours of lecture. Also listed as GEOL 330.
- ENSC 411: Industrial Hygiene and Safety** **3 cr.**
Prerequisite: BIOS 345 or 387, CHEM 255L, PHYS 252 or consent of department. Fundamentals of the recognition, evaluation, and control of the environmental factors or hazards in the workplace that may impair health. Three hours of lecture.
- ENSC 429: Paleoanalysis: Lakes and Environmental Change** **3 cr.**
Prerequisite: GEOL 105. An interdisciplinary course focusing on human-environmental interactions within recent geologic history. Interpretation of environmental change recorded in lake sediments. Regional focus on the Red River Basin lakes with emphasis on complex interactions between urbanized centers and natural systems within Upper Holocene geologic time frame (5000 years ago - present). Geo-indicators of rapid environmental change (e.g. sediment stream storage and load) investigated to develop understanding of the dynamic relationships between anthropogenic and geogenic sources and processes. Three hours of lecture. Also listed as GEOL 420.
- ENSC 421: Environmental Analysis** **3 cr.**
Prerequisites: BIOS 440, CHEM 259, 266 or consent of the department. Theory and practice of the sampling and analysis of air, water, soil pollutants and hazardous materials. One hour of lecture and five hours of lab.
- ENSC 430: Hydrogeology - Water Resources** **3 cr.**
Prerequisite: GEOL 105. A survey of regional aquifers with an emphasis on the impact of human activities in recharge areas, factors that govern the movement of groundwater through aquifers, and the physical and chemical changes that result. The course will also include an introduction to the investigative techniques use in studying ground water by utilizing the monitoring well that has been developed in the Red River floodplain. Three hours of lecture.
- ENSC 441: Environmental Compliance** **3 cr.**
Prerequisite: CHEM 266 or consent of the department. Basic provisions and compliance requirements of federal and state environmental regulations. Three hours of lecture.
- ENSC 490: Independent Study** **1-3 cr.**
Prerequisite: Consent of chairs in departments of Biological Sciences and Chemistry/Physics. A laboratory and/or library research project in consultation with a faculty mentor. One to three hours credit on a pass/no credit basis. Three hours of research per credit hour. May be repeated for up to three credit hours.
- ENSC 491: Seminar** **1 cr.**
Prerequisite: Junior or Senior classification. An in-dept study of a particular topic of environmental science. One hour of recitation-discussion. May be repeated for credit two times.
- ENSC 495: Special Topics in Environmental Science** **1-3 cr.**
Prerequisite: Consent of the chairs of the Departments of Biological Sciences and Chemistry/Physics. Special topics in Environmental Science. May be repeated up to 6 credit hours total as topics vary. One hour of lecture per credit hour.
- ENSC 611: Industrial Hygiene and Safety** **3 cr.**
Prerequisite: BIOS 345 or 387, CHEM 255L, PHYS 252 or consent of department. Fundamentals of the recognition, evaluation, and control of the environmental factors or hazards in the workplace that may impair health. Three hours of lecture.
- ENSC 621: Environmental Analysis** **3 cr.**
Prerequisites: BIOS 440, CHEM 259, 266 or consent of the department. Theory and practice of the sampling and analysis of air, water, soil pollutants and hazardous materials. One hour of lecture and five hours of lab.
- ENSC 641: Environmental Compliance** **3 cr.**
Prerequisite: CHEM 266 or consent of the department. Basic provisions and compliance requirements of federal and state environmental regulations. Three hours of lecture.
- ENSC 690: Independent Study** **1-3 cr.**
Prerequisite: Consent of the department chairs. Laboratory and/or library research. One to three hours credit on a pass/no credit basis. Three hours of research per credit hour. May be repeated for up to three credit hours.
- ENSC 705: Statistical Techniques** **3 cr.**
Prerequisite: Consent of the department. Basic concepts of statistical models and sampling methods, descriptive statistical measures, distributions, tests of significance, analysis of variance, regression, correlation, and chi-square; emphasis on field-oriented life and environmental sciences research problems; computer software applications. Three hours of lecture.
- ENSC 725: Air Quality** **3 cr.**
Prerequisites: ENSC 421 or 621 or consent of the department. Nature and composition of the atmosphere. Description of atmospheric pollution and atmospheric environmental issues, atmospheric monitoring. Three hours of lecture.

ENSC 727: Hazardous Waste Management**3 cr.**

Prerequisite: ENSC 421 or 621 or consent of the department. A study of topics related to the management of hazardous waste: federal and state regulations, disposal and treatment methods, and remediation technology. Three hours of lecture.

ENSC 729: Wastewater Treatment**3 cr.**

Prerequisites: CHEM 415 or 615 and calculus, or consent of the department. An examination of the characteristics of industrial/domestic wastewater, including storm water and the design of facilities for the physical, chemical, and biological treatment of wastewater.

ENSC 741: Environmental Law**3 cr.**

Prerequisite: One of BLAW 280, ENSC 441, 641 or consent of instructor. An overview of U.S. and Louisiana environmental law. Key environmental statutes are examined. Topics include air and water quality, solid and hazardous wastes, energy and natural resources.

ENSC 747: Environmental Risk Analysis**3 cr.**

Prerequisite: Either MATH 260, an equivalent statistics course, or permission of the instructor. Methods of probabilistic risk analysis applied to environmental situations. Toxicological estimation, ecological risk, social and psychological aspects in assessment of environmental risk. Three hours of lecture.

ENSC 790: Special Topics in Environmental Science**3 cr.**

Special topics in Environmental Science. May be repeated as topics vary from term to term. Up to six hours.

ENSC 795: Independent Study in Environmental Science**3 cr.**

Independent study in Environmental Science. An independent project or study directed by an assigned faculty member.

ENSC 798: Professional Project**3 cr.**

Prerequisite: Consent of the department and admission to the M.S. Environmental Science program. Supervised environmental science project in the professional environmental field with an agency, industry or university. May be repeated twice for a total of six credits. Nine hours of lab.

ENSC 799: Thesis**3 cr.**

Prerequisite: Coursework credit in three of four core areas. Research project carried out under the supervision of assigned faculty member. May be repeated.

EUROPEAN LITERATURE

EULT 792: Special Topics in European Literature in Translation**3 cr.**

Course is designed to acquaint students with masterpieces of French, German, Russian, Spanish and other non-English European literature(s). In-depth study of special topics (major authors, periods, genres, problems of thematic questions) to vary from term to term. May be repeated for a maximum of six term hours. Three hours of seminar. Also listed as FREN 792, GERM 792, SPAN 792.

FILM

FILM 110: History of Film**3 cr.**

History of Film traces film from its beginnings to contemporary movements in world cinema. This course will focus on milestones in the history of film from the end of the nineteenth century to the present, surveying international movements in narrative, documentary, and avant-garde filmmaking practices. Students will discuss and analyze each film viewed. Three hours of lecture.

FILM 115: Introduction to Film Theory**3 cr.**

This course introduces students to the usefulness and relevance of differing film theories. Students will focus on the role of theory in both film criticism and film production. The class will analyze and discuss each film viewed. Three hours of lecture.

FILM 290: Studies in Film**3 cr.**

A variable topics course for students interested in studying a topic more deeply than regular offerings permit. May focus on a major director, a film era, a genre, film criticism, film theory, or pedagogy. May be repeated once for credit. Three hours of lecture.

FILM 340: Introduction to Screenwriting**3 cr.**

Prerequisite: ENGL 115. An introduction to narrative theory, Hollywood's approach to storytelling, and the conventions of writing for the screen. Three hours of lecture. Also listed as ENGL 340.

FILM 385: American Cinema**3 cr.**

An introductory course that examines Hollywood film as a system of representation and communication. Students should gain a working knowledge of film history and economics, an understanding of film as cultural artifact, and the ability to identify the characteristics of American film genres. Three hours of lecture. Also listed as MCOM 385.

FILM 404: Spanish Cinema**3 cr.**

Prerequisite: Consent of the department. The development of the cinema in Spain from the post-Civil War era to the present, with a close analysis of films by directors such as Luis Buñuel, Carlos Saura, Víctor Erice, and Pedro Almodóvar. Films are in Spanish with English subtitles, and lectures and class discussion are conducted in English. Three hours of lecture. Also listed as SPAN 404.

FILM 405: Latin American Cinema**3 cr.**

Prerequisite: Consent of the department. The development of the cinema in Latin America from its origins to the present. Films are approached in a historical, sociopolitical, literary, and aesthetic context. Films are in Spanish with English subtitles, and lectures and class discussion are conducted in English. Three hours of lecture. Also listed as SPAN 405.

FILM 412: Shakespeare and Film**3 cr.**

Prerequisite: Completion of sophomore English requirement. A study of interrelationships between contemporary cinema and the timeless drama of William Shakespeare. Primary focus will be on film as an interpretive prism, with some attention paid to the history of Shakespeare on film. Emphasizes the comparative study of scenes from selected plays. Three hours of lecture. Also listed as ENGL 412.

FILM 481: Politics in the Cinema**3 cr.**

Prerequisite: POLI 151. Investigates how political communication occurs through film, the messages sent through film, and the influence of film in shaping or altering political attitudes. Three hours of lecture. Also listed as POLI 481

FILM 490: Study in Film**3 cr.**

A variable topics course for advanced students interested in studying a topic more deeply than regular offerings permit. May focus on a major director, a film era, a genre, film criticism, film theory, or pedagogy. May be repeated for credit. Three hours of lecture. Also listed as ENGL 490.

FINANCE

FIN 231: Personal Financial Planning**3 cr.**

A practical course designed to help individuals arrange their personal financial affairs in ways most beneficial to them. Topics covered include budgeting and planning, management of financial and non-financial assets and obligations, taxes, insurance, retirement and estate planning. Three hours of seminar.

FIN 301: Managerial Finance**3 cr.**

Prerequisites: ECON 201, ECON 202, MATH 260, and ACCT 205 or equivalent. An introduction to the theory and practice of making investment and financing decisions in a firm. Topics include risk/return relationships, time value of money, security valuation, capital budgeting, capital structure, dividend policy, firm performance analysis, and global financial markets. A grade of "C" or better is required for Finance majors. Three hours of lecture.

FIN 320: Risk and Insurance**3 cr.**

Designed for understanding the importance of risk in personal and business affairs, the different methods of meeting risks; meeting insurable risks through insurance, and risk and public policy. Three hours of lecture.

FIN 322: Property and Liability Insurance**3 cr.**

Study of the hazards underlying, the principles involved in, and the protection provided by property and liability insurances, including multiple line and all risk insurance, and corporate suretyship. Three hours of lecture.

FIN 324: Real Estate Law**3 cr.**

Legal problems incident to ownership and transfer of real property, with special emphasis on Louisiana law. Three hours of lecture. Also listed as BLAW 324

FIN 326: Principles of Life and Health Insurance**3 cr.**

A comprehensive study of the nature, use, mathematics, organization, and regulation of life and health insurance. Three hours of lecture.

FIN 331: Introduction to Investments**3 cr.**

Prerequisite: FIN 231 or consent of department or FIN 301. Mechanics of making an investment; analytical and valuation techniques for security selection with emphasis especially on common stock; survey of investment literature and terms. Three hours of lecture.

FIN 340: Principles of Real Estate**3 cr.**

Presents important investment, financing, and tax concepts for property owners and investors. Before and after tax advantages and legal aspects of real estate ownership, closing costs and alternative financing are considered. Meets in part the educational requirement for the Louisiana Real Estate Sales Examination. Includes computer applications for investment analysis. Three hours of lecture.

FIN 400: Investment**3 cr.**

Prerequisite: FIN 301 with a grade of "C" or better. The study of Modern Portfolio Theory, Capital Market Theory, and Security Valuation. Three hours of lecture.

FIN 410: Advanced Business Finance**3 cr.**

Prerequisite: FIN 301 with a grade of "C" or better. The study of advanced knowledge relating to firm financing and investing decisions. Topical coverage includes real asset valuation, capital budgeting, capital structure, costs of capital, dividend policy, and mergers and acquisitions. A grade of "C" or better is required for finance majors. Three hours of lecture.

FIN 420: Financial Services Management**3 cr.**

Prerequisite: ECON 310 and FIN 301. This course is a comprehensive introduction to managing the problems faced by a wide variety of financial companies. Special attention is given to interest rate risk, liquidity risk and credit risk. Three hours of lecture.

FIN 440: International Finance**3 cr.**

Prerequisite: FIN 301 with a grade of "C" or better. The study of advanced knowledge relating to foreign exchange markets, exchange risk management, special financing vehicles, and foreign investment analysis. A grade of "C" or better is required for finance majors. Three hours of lecture.

FIN 442: Real Estate Appraisal**3 cr.**

Valuation of real property, particularly single-family residential analysis. Allows the student to begin work for a professional appraisal designation. An appraisal report is required. Computer software applications for residential appraisal are utilized. Three hours of lecture.

FIN 450: Real Estate Investment and Taxation**3 cr.**

Detailed attention to various after-tax measure of return for different types of real estate investments. Use of computer valuation/investment analysis program for evaluating the effects of financing, leverage and income upon return and value. Includes valuation analysis of income properties. Three hours of lecture.

FIN 475: Internship in Finance**3-6 cr.**

Prerequisites: Successful completion of 60 credit hours toward the student's degree, and either a 2.75 cumulative GPA or a 3.00 GPA for the last 24 credit hours, and approval of the business internship director. The director works with the student to find a pre-professional internship experience that matches the student's major. The student will not receive credit for an existing job. The student is required to write a report that details the objectives, progress, and completion of the internship. Three hours of credit on a pass/no credit basis only. May be repeated for a maximum of six hours. Only three hours may be applied to the major. The student must complete at least 120 hours of work.

FIN 490: Seminar in Finance**3 cr.**

Prerequisite: Junior standing and consent of the department. May be repeated for a maximum of six term hours. Selected topics will vary from term to term. Three hours of seminar.

- FIN 495: Independent Studies in Finance** **3 cr.**
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the financial faculty. Three hours of lecture.
- FIN 642: Real Estate Appraisal** **3 cr.**
Valuation of real property, particularly single-family residential analysis. Allows the student to begin work for a professional appraisal designation. An appraisal report is required. Computer software applications for residential appraisal are utilized. Three hours of lecture.
- FIN 650: Real Estate Investment and Taxation** **3 cr.**
Prerequisite: FIN 340 or consent of the department. Detailed attention to various after-tax measures of return for different types of real estate investments. Use of computer valuation/investment analysis program for evaluating the effects of financing, leverage and income upon return and value. Includes valuation analysis of income properties. Three hours of lecture.
- FIN 701: Financial Management** **3 cr.**
Prerequisite: FIN 301 with a grade of "C" or better. The study and application of advanced financial theories for managerial decision making. Three hours of lecture.
- FIN 710: Contemporary Investments** **3 cr.**
Prerequisite: FIN 301. An advanced course examining investment strategies and technology. Emphasis is placed on the practical application of recent academic research to the dynamic global investment environment.

FINE ARTS

- FA 100: Basic Drawing** **3 cr.**
An introduction to materials and techniques of basic drawing. One hour of lecture and three hours of lab.
- FA 110: Commercial Art I** **1 cr.**
The student will learn the basic knowledge, acquire the skills, and develop a portfolio necessary to develop the student's second-year education in Commercial Art II. The course will include introduction to advertising design theory, Photoshop, and Freehand software. It will also include an advertising agency project and portfolio development. May be repeated once for a maximum of two credit hours.
- FA 115: Commercial Art II** **2 cr.**
The student will learn the basic knowledge, acquire the skills, and develop a portfolio necessary to develop the student's second year education. This course will introduce students to Illustrator, Flash, and Dreamweaver software. The course will also include an introduction to advertising design theory, Photoshop and Freehand software. It will include an advertising agency project and portfolio development. May be repeated once for a maximum of four credits.
- FA 140: Introduction to Fine Arts*** **3 cr.**
A survey of the major trends of Western art and architecture from prehistory to the Contemporary era. Students are introduced to art history and its methods, techniques, materials, and media, and examine art works in their social and historical contexts. Does not count towards degree requirements for Fine Arts Major. Three hours of lecture.
- FA 150: Basic Design** **3 cr.**
A studio course in two-dimensional design concerned with the exploration of basic design components and procedures for element organization. Theories learned will affect both two- and three-dimensional design reasoning. One hour of lecture and three hours of lab.
- FA 180: Color Theory** **3 cr.**
A laboratory course concerned primarily with a comprehensive investigation of contemporary color and theory and use, color in nature, and color as used in terms of light. One hour of lecture and three hours of lab.
- FA 200: Intermediate Drawing** **3 cr.**
Prerequisite: FA 100. Continuation of exploration of materials and techniques of drawing with concentration on the human figure and figurative drawing. One hour of lecture and three hours of lab.
- FA 210: Computer Graphics I** **3 cr.**
Prerequisites: Fine Arts majors or consent of the department. An introduction to Macintosh computer programs and file formats used for graphic design as well as fine art application. One hour of lecture and three hours of lab.
- FA 221: Art Education for Elementary Schools** **3 cr.**
A critical analysis and evaluation of past and present concepts of art education with a view towards developing a functional art program for the elementary schools of Louisiana. Art materials, techniques, and art activities recommended for use in the elementary school grades. Readings, discussions, and studio activities. One hour of lecture and three hours of lab.
- FA 240: History of Prehistoric to Medieval Art and Architecture*** **3 cr.**
An introductory survey of Western art and architecture from prehistory to the medieval era, including ancient Egypt, Greece, and Rome. Students examine art history, its methods, and its major trends in their social and historical contexts. Lectures, discussions, and readings. Three hours of lecture.
- FA 241: History of Renaissance to Contemporary Art*** **3 cr.**
An introductory survey of Western art and architecture from the Renaissance to the Contemporary era. Students examine art history, its methods, and its major trends in their social and historical contexts. Lectures, discussions, and readings. Three hours of lecture.
- FA 250: Intermediate Design** **3 cr.**
Prerequisite: FA 100, FA 150, and FA 180 or consent of the department. A studio course basic to all areas of art, concerned mainly with the process of abstraction. The primary objectives include encouraging imagination and developing creative ability while establishing a sense of artistic discrimination. One hour of lecture and three hours of lab.
- FA 255: Digital Art Photography** **3 cr.**
Prerequisite: FA 210 or consent of the department. A digital course primarily designed to encompass photographic composition, artistic interpretation, digital camera mechanics and computer manipulation. Digital cameras, Macintosh computers and photo software programs will be made available for this course through the Fine Arts Department. One hour of lecture and three hours of lecture.

- FA 260: Basic Ceramics** **3 cr.**
Prerequisite: FA 150. An introductory course in pottery making. Study and application of total studio process from production to glazing and firing ceramic ware. One hour of lecture and three hours of lab.
- FA 265: Crafts** **3 cr.**
Study in the practice of crafts as they relate to educational, therapeutic, and recreational areas. One hour of lecture and three hours of lab.
- FA 270: Basic Sculpture** **3 cr.**
Prerequisite: FA 150 or consent of the department. Introduction to the development of three-dimensional structure. Projects using appropriate material and processes with an emphasis on the additive approach. Lecture, slides, film, outside readings. One hour of lecture and three hours of lab.
- FA 283: Acrylic Painting I** **3 cr.**
Prerequisites: FA 100, FA 150, FA 180 or consent of the department. Basic study of acrylic painting materials and methods. Designed to increase the student's command of technique as well as the development of a sense of personal vision and style. Individual criticism and class discussion. One hour of lecture and three hours of lab.
- FA 285: Watercolor I** **3 cr.**
Prerequisites: FA 100, FA 150, FA 180 or consent of the department. Basic study of watercolor painting in terms of related materials and methods. Traditional and experimental watercolor techniques will be explored with an emphasis placed on creativity. One hour of lecture and three hours of lab.
- FA 300: Advanced Drawing** **3 cr.**
Prerequisite: FA 200 or consent of the department. Directed use of various drawing materials to express visual forms. One hour of lecture and three hours of lab.
- FA 302: Portrait Study** **3 cr.**
Prerequisite: FA 200 or consent of the department. Drawing from models of various age levels using various opaque and transparent media to construct a solid head form. One hour of lecture and three hours of lab.
- FA 311: Typography** **3 cr.**
A study of construction of type and form of letters with a concentration on problems in design using typography, as a design element in layout. One hour of lecture and three hours of lab.
- FA 313: Graphic Design and Visual Communications I** **3 cr.**
Prerequisites: FA 250 and FA 311 or consent of department. A study combining the disciplines of illustration, design and typography into a practical application of advertising art. Course content includes packaging design, brochures, billboards, newspaper ads, etc. One hour of lecture and three hours of lab.
- FA 314: Experimental Design** **3 cr.**
Prerequisites: FA 210 and FA 250 or consent of the department. This course will allow the student to go beyond the conventions of traditional graphic design. We will encourage experimental illustration by pushing the limits of computer graphics software programs. Projects will range from CD interfaces to 3D logos in motion. Two hours of lecture and two hours of lab.
- FA 315: Adobe Photoshop I** **3 cr.**
Prerequisite: FA 210 and FA 250 or consent of department. Introduction to digital manipulation of photographic imagery using the Adobe Photoshop software program. Students outside of the fine arts major are also encouraged to take this course and will be graded on mastery of the process rather than artistic ability. One hour of lecture and three hours of lab.
- FA 316: Package Design** **3 cr.**
Prerequisite: FA 210 and FA 250 or consent of the department. This course is designed to introduce the student to the often overlooked field of package design. The course will focus on the complexity of two-dimensional art placed on three-dimensional objects. Designs will be created for real worlds objects such as boxes, bottles and bags. Two hours of lecture and two hours of lab.
- FA 317: Adobe Indesign** **3 cr.**
Prerequisite: FA 210 and FA 250 or consent of the department. Macintosh format. Introduction to digital typographic solutions, layout and production using the Adobe Indesign software program. Non-majors are encouraged to take this course and will be graded on mastery of the process rather than artistic ability. One hour of lecture and three hours of lab.
- FA 318: Digital Illustration** **3 cr.**
Prerequisite: FA 210 and FA 250 or consent of department. Introduction to the creation of digital imagery using a variety of computer graphics software programs. Students outside of the fine arts major are also encouraged to take this course and will be graded on mastery of the process rather than artistic ability. One hour of lecture and three hours of lab.
- FA 319: Digital Video Editing I** **3 cr.**
Prerequisite: FA 210 and FA 250 or consent of department. Macintosh format. Introduction to computer generated video editing designed to prepare our students to manipulate video, film, multimedia or web graphics using Final Cut Studio. Non-majors are encouraged to take this course and will be graded on mastery of the process rather than artistic ability. One hour of lecture and three hours of lab.
- FA 325: Interactive Design** **3 cr.**
Prerequisite: FA 315 or consent of department. Introductory course designed to teach students how to construct interactive CDs. Primarily uses Macromedia Director software which is standard in educational- and entertainment- based multimedia graphics. This course is not Web-based and is more artistic in content. One hour of lecture and three hours of lab.
- FA 326: Introduction to Web Design** **3 cr.**
Prerequisite: FA 315 or consent of department. Introductory course for creating and managing efficient, aesthetically pleasing Web sites. Primarily uses Macromedia Dreamweaver software which provides advanced design and layout tools for building Web sites without writing lines of code. One hour of lecture and three hours of lab.
- FA 327: 3D Computer Animation** **3 cr.**
Prerequisite: FA 315 (Photoshop) or consent of the department. Introductory course designed to teach students how to construct a basic 3D image and build simple 3D animated movies. In addition to software instruction this course focuses on the aesthetics of well-balanced imagery and scene design. One hour of lab and three hours of lecture.

- FA 328: Painter** 3 cr.
Prerequisite: FA 250 or consent of the department. Introductory course using Procreate's Painter software, the industry standard fine arts tool. This course is purely artistic in nature and will teach students about various computer generated painting and drawing techniques. The students will also be introduced to large format. Wacom Drawing Tablets. One hour of lecture and three hours of lab.
- FA 331: Printmaking Techniques** 3 cr.
Prerequisite: FA 100 or consent of the department. This course will explore the basics of various printmaking techniques, including linocut, woodcut, intaglio, serigraphy, and lithography. Traditional and experimental methods of image making will be explored. One hour of lecture and three hours of lab.
- FA 356: Advanced Digital Photography/Understanding Light** 3 cr.
Prerequisite: FA 255 or consent of the department. This class will examine the results of different types of lighting with respect to the photographic process. Lighting techniques for small, medium, and large objects will be explored, discussed, and produced. One hour of lecture and two hours of lab.
- FA 369: Mixed Media** 3 cr.
Prerequisite: FA 250 or consent of the department. Creative and imaginative designs evolving from discoveries in accidental reactions of mixed media leading to methods of application. An emphasis on principles of design. One hour of lecture and three hours of lab.
- FA 370: Intermediate Sculpture** 3 cr.
Prerequisite: FA 270. Continuation of the development of three-dimensional sculpture. Projects using appropriate material and processes. Emphasis on the subtractive approach. Lectures, slides, film, and outside reading. One hour of lecture and three hours of lab.
- FA 383: Acrylic Painting II** 3 cr.
Prerequisite: FA 283 or consent of the department. A continuation in the study of acrylic painting materials and methods. Designed to increase the student's command of technique as well as the development of a sense of personal vision and style. Individual criticism and class discussion. One hour of lecture and three hours of lab.
- FA 385: Watercolor II** 3 cr.
Prerequisite: FA 285 or consent of the department. A continuation in the study of watercolor painting materials and methods. Traditional and experimental watercolor techniques will be explored with an emphasis placed on creativity. One hour of lecture and three hours of lab.
- FA 398: Public Art Production** 3 cr.
This course provides an opportunity for students to work directly for the public cities, schools, organizations) on the creation and production of large scale art projects including wall graphics, sculpture, or event installations. Four hours of laboratory.
- FA 414: Graphic Design and Visual Communication II** 3 cr.
Prerequisite: FA 313. A studio course concentrating on the development of essential advertising skills, including problem-solving and creative thinking associated with the area of layout, utilization of illustration, design and typography. One hour of lecture and three hours of lab.
- FA 415: Photoshop II** 3 cr.
Prerequisite: FA 315. This course is designed to further enhance the student's use of Photoshop as an artistic tool. One hour of Lecture and three hours of lab.
- FA 418: Digital Illustration II** 3 cr.
Prerequisite: FA 318. This course is designed to teach advanced students to use Adobe Illustrator as a fine arts tool. Students will complete a portfolio of illustrations using various computer-aided techniques. One hour of lecture and three hours of lab.
- FA 419: Digital Video Editing II** 3 cr.
Prerequisite: FA 319. This course is designed as a continuation of the student's studies in Digital Video Editing I. The student will work toward completing a short film and will be introduced to storyboarding, compositing, and sound editing. Students will be graded on their final projects and are expected to already understand the basic process of digital video editing.
- FA 430: Advanced Printmaking** 3 cr.
Prerequisite: FA 330, FA 331, FA 334, or consent of department. Further study in one or more of the printmaking techniques (intaglio, serigraphy, or relief). Emphasis is placed on personal expression and refining technical skills. One hour lecture and three hours lab.
- FA 433: History of Italian Renaissance Art** 3 cr.
An examination of Italian painting, sculpture, and architecture from the Proto-Renaissance to the High Renaissance. Develops students' understanding of art history and its methods and considers works in their socio-historic context. Lectures, discussions, and readings. Three hours of lecture.
- FA 435: History of Baroque Art** 3 cr.
An examination of Italian, French, Spanish, and Netherlandish painting, sculpture, and architecture from 1550-1700. Develops students' understanding of art history and its methods and considers works in their socio-historic context. Lectures, discussions, and readings. Three hours of lecture.
- FA 437: History of Eighteenth-Century Art** 3 cr.
An examination of European and British painting, sculpture, and architecture from 1700-1800. Develops students' understanding of art history and its methods and considers works in their socio-historic context. Lectures, discussions, and readings. Three hours of lecture.
- FA 440: History of Art and Architecture in North America** 3 cr.
An examination of the history and methods of North American art and architecture in its social and historical contexts, including the art of Native and African Americans, and its contributions to Modern and Contemporary art. Topics also include performance, earth, and conceptual art, and other aspects of visual culture. Lectures, discussions, and readings. Three hours of lecture.
- FA 441: History of nineteenth-Century European Art** 3 cr.
An investigation of selected Modern European art and architecture from the 'long' nineteenth century (ca. 1780s to 1910), including, for example, Neoclassicism, Romanticism, Realism, Impressionism, and *Fin-de-siècle*. Students will examine the history of art and its methods in the social and historical contexts of the period. Lectures, discussions, and readings. Three hours of lecture.

FA 470: Advanced Sculpture**3 cr.**

Prerequisite: FA 370. The problems of sculptural form as expressed in a variety of materials. One hour of lecture and three hours of lab.

FA 481: Advanced Watercolor**3 cr.**

Prerequisite: FA 381 or consent of department. Emphasis is placed on expressive and independent painting planned and executed by the student to meet his or her individual creative needs with guidance from faculty member. One hour of lecture and three hours of lab.

FA 489: Painting Workshop**3 cr.**

Prerequisite: Consent of the department. Emphasis is placed on expressive and independent painting planned and executed by the student to meet his or her individual creative needs with guidance from a faculty member. One hour of lecture and three hours of lab.

FA 490: Seminar in Fine Arts**3 cr.**

Prerequisite: Consent of the department. A course designed to provide selected, and usually nonrecurring advanced classes in the arts. May be repeated for a maximum of six term hours credit. One hour of lecture and three hours of lab for titles in applied arts.

FA 495: Independent Study**3 cr.**

Prerequisite: Consent of the department. Emphasis on expressive independent works of art or an original project in the history and theory of art. The student will complete a major project in an area of specialty with faculty guidance. May be repeated for credit for a maximum of six term hours. Six hours of independent study.

FA 499: Internship**3 cr.**

Prerequisites: Majors only; 2.75 overall GPA and 3.2 Fine Arts GPA. Provides an opportunity for experience directly under the supervision of a recognized area fine arts professional. The student must not have previously worked for the agency sponsoring the internship. Minimum of 120 hours of work required. Courses will be graded on a pass/no credit basis.

FA 640: American Art**3 cr.**

A history of American art, from the colonial era to the present, noting both its connection to and distinctions from the prevailing contemporary European traditions with emphasis on various artistic, intellectual, social, and political developments. Three hours of seminar/lecture.

FA 641: History of Modern Art**3 cr.**

A history of modern art, from c. 1750 to the present. An examination of the history of modern art through its various artistic, intellectual, social, and political developments, noting its departure from the previous Renaissance and Baroque traditions of painting, sculpture, and architecture. Three hours of seminar/lecture.

FA 690: Seminar in Fine Arts**3 cr.**

Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Selected topics from the popular trends in art history, advertising, architecture, graphics, interior design, industrial design, and photographic composition. Will examine the social impetus and ramifications behind these trends. Six hours of seminar.

FA 695: Independent Workshop Study**3 cr.**

Prerequisite: Consent of the department. Emphasis on expressive independent works of art or an original project in the history and theory of art. The student will execute a major project in an area of specialty with faculty guidance. Culminating in an on-campus exhibition. May be repeated for credit for a maximum of six term hours. Six hours of independent study.

FA 790: Special Topics in Fine Arts**3 cr.**

May be repeated for a maximum of six term hours credit. Special topics will be selected from such areas as art education, art history, art theory, crafts, and ceramics. Topics will vary from term to term. Three hours of seminar.

FOREIGN LANGUAGES

FL 101: Foreign Language I**3 cr.**

A beginning course for students who have no preparation in the language. An introduction to the fundamentals of grammar, vocabulary, and syntax, with an emphasis on the four skills of reading, writing, speaking, and listening. May be repeated for credit in a different language for a maximum of six hours. Three hours of lecture.

FL 102: Foreign Language II**3 cr.**

Prerequisite: FL 101 or consent of the department. A continuation of FL 101 with continued emphasis on the aural-oral aspects of the language. Continuation of elementary reading selections and writing assignments. Three hours of lecture.

FL 201: Foreign Language III**3 cr.**

Prerequisite: FL 102 or consent of the department. Continued reading and oral work, vocabulary building, further development of writing skills, and review of the basic principles of grammar. Three hours of lecture.

FL 295: Independent Studies**3 cr.**

Prerequisite: Consent of the department. May be repeated for a maximum of six term hours. Readings, conferences, and reports under the direction of a member of the foreign language faculty. Three hours of research.

FL 495: Independent Studies**3 cr.**

Prerequisite: Consent of the department. May be repeated for a maximum of six term hours. Readings, conferences, and reports under the direction of a member of the foreign language faculty. Three hours of research.

FRENCH

The native of a country where French is the current and official language may not enroll for credit in French 101, 102, 201, or 205 before taking a placement test to determine credit and placement. A student who has some high school credit in French and selects French for study at the University must take a placement test in French and register in the course appropriate to the score on the test (regardless of amount of credit earned in high school). Credit is granted for all courses numbered lower than the course in which the student is placed. It is recommended that a student with French credits earned at another college take the placement tests for guidance in scheduling. General prerequisite policy: French 101, 102, and 201 must be taken in sequence. French 201 is the usual

prerequisite to all courses bearing a higher number. In some cases a student may fulfill this prerequisite by earning placement credit. The student may also seek permission of the department to enroll in such courses.

FREN 101: Elementary French I **3 cr.**

A beginning course for students who have no preparation in French. An introduction to the fundamentals of French grammar, vocabulary, and syntax, with emphasis on the four skills of reading, writing, speaking, and listening. Three hours of lecture.

FREN 102: Elementary French II **3 cr.**

Prerequisite: FREN 101 or advanced standing placement. A continuation of FREN 101 with continued emphasis on the aural-oral aspects of the language. Continuation of elementary reading selections. Three hours of lecture.

FREN 201: Intermediate French **3 cr.**

Prerequisite: FREN 102 or advanced standing placement. Continued reading and oral work, vocabulary building, and review of the basic principles of grammar. Three hours of lecture.

FREN 205: Readings in French **3 cr.**

Classic and contemporary readings in French. Special emphasis on comprehension as well as oral and written expression in the language. Three hours of lecture.

FREN 292: Study Abroad **1-15 cr.**

Prerequisite: Consent of the department. For students enrolled in an approved academic program in a French-speaking country. Upon return, LSUS equivalency may be assigned for part or all of this work. Variable credit to a maximum of 15 term hours. Grading is on a pass/no credit basis. In some cases tuition will need to be paid at a foreign university.

FREN 301: French Phonetics and Oral Practice **3 cr.**

Prerequisite: FREN 201 or consent of the department. Intensive study of French morphology and syntax with extensive oral practice. Emphasis will be given to the special grammatical difficulties experienced by English-speaking students of French. Three hours of lecture.

FREN 302: Advanced French Conversation **3 cr.**

Prerequisite: FREN 201 or consent of the department. Intensive training and practice in oral communicative skills. Study and active application of structural, lexical, and syntactic elements essential to effective oral exchange with emphasis on facility and accuracy. Frequent oral presentations, debates and discussions all geared to strengthen oral/aural language skill acquisition. Three hours of lecture.

FREN 303: Business French **3 cr.**

Prerequisite: FREN 201 or consent of the department. Intensive practice in concepts and vocabulary concerning organization of French businesses, general economics, sales, marketing, finance, accounting, letter writing, and other topics. Aspects of contemporary French civilization will be discussed, including the European political climate and European Union. Three hours of lecture.

FREN 304: Advanced French Grammar and Composition **3 cr.**

Prerequisite: FREN 201 or consent of the department. Intensive study of French syntax with extensive practice in oral and written communication and translation. Emphasis will be given to the special grammatical difficulties experienced by English-speaking students of French. Three hours of lecture.

FREN 316: French Culture and Civilization **3 cr.**

Prerequisite: FREN 201 or consent of the department. A survey of French culture as expressed in music, painting, and the plastic arts, and a study of literary, historical, and philosophical movements that form a background for knowledgeable communication in French. Three hours of lecture.

FREN 331: The Middle Ages and the Renaissance **3 cr.**

Prerequisite: Three hours of French at the 300 level, or consent of the department. A survey of the various literary genres cultivated in France from the twelfth until the end of the sixteenth century; the transition from the medieval world view to that of Rabelais, Montaigne, and the poets of the Pleiade. Three hours of lecture.

FREN 332: The Seventeenth and Eighteenth Centuries **3 cr.**

Prerequisite: Three hours of French at the 300 level or consent of the department. A survey of changes in literary styles, of the struggle between the baroque and the classical ideals in art, and of the crisis in European thought that brought about the rise of the esprit philosophique. The theatre of Corneille, Moliere, and Racine, and the philosophical works of Descartes, Pascal, Montesquieu, Voltaire, Diderot, and Rousseau. Three hours of lecture.

FREN 333: The Nineteenth Century **3 cr.**

Prerequisite: Three hours of French at the 300 level or consent of the department. A survey of main literary currents in France from the Revolution of 1789 to the end of the nineteenth century; the poetry of the romantic and symbolist movements and the novels of Balzac, Stendhal, Flaubert, and Zola. Three hours of lecture.

FREN 334: The Twentieth Century **3 cr.**

Prerequisite: Three hours of French at the 300 level or consent of the department. A survey of important movements in the arts and literature of France since the turn of the century; poems, plays, and novels, and critical and philosophical essays by writers such as Breton, Sartre, Gide, Proust, Robbe-Grillet, and Sarraute. Three hours of lecture.

FREN: 390: Special Topics in French **3 cr.**

Prerequisite: FREN 3201 or consent of the department. Courses may include selected topics from French and Francophone literature, linguistics, culture, and, the arts, or for specific professional fields. Topics will vary from term to term. May be repeated for credit for a maximum of six hours. Three hours of lecture.

FREN 392: Study Abroad **1-15 cr.**

Prerequisite: Consent of the department. For students enrolled in an approved academic program in a French-speaking country. Upon return, LSUS equivalency may be assigned for part or all of this work. Variable credit to a maximum of 15 term hours. Grading is on a pass/no credit basis. Same as FREN 292 except at LSUS credit is restricted to coursework considered advanced. In some cases tuition will need to be paid at a foreign university.

FREN 402: French Drama **3 cr.**

Prerequisite: Three hours of French literature at the 300 level or consent of the department. A study of drama with emphasis on the trends that have combined to create the rich variety of the contemporary French stage. Three hours of lecture.

- FREN 403: French Poetry** **3 cr.**
Prerequisite: Three hours of French literature at the 300 level or consent of the department. A study of poetic language and communication and of the evolution of poetic genres from traditional or popular sources through their contemporary developments. Three hours of lecture.
- FREN 404: French Narrative and Film** **3 cr.**
Prerequisite: Three hours of French literature at the 300 level or consent of the department. A generic (non-historical) study of French narrative and film. Examination of and contrasts of various narrative or representational strategies and techniques, as illustrated in French literature, and analysis of their impact on the public's perception of the novelistic or cinematic work. Three hours of lecture.
- FREN 490: Seminar** **3 cr.**
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Selected topics from French literature and linguistics will vary from term to term. Three hours of seminar.
- FREN 495: Independent Studies in French** **3 cr.**
Prerequisite: Three hours of French literature at the 300 level and consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the direction of a member of the French faculty. Three hours of research.
- FREN 602: French Drama** **3 cr.**
A study of drama with emphasis on the trends that have combined to create the rich variety of the contemporary French stage. Special emphasis will be placed on the cultural/philosophical aspects of French theatre. Three hours of lecture.
- FREN 603: French Poetry** **3 cr.**
A study of poetic language and communication and of the evolution of poetic genres from traditional or popular sources through their contemporary developments. Special attention will be given to the use of figures of rhetoric. Student will learn to study poetic theory and learn how to apply this theory to the analysis of particular poems. Three hours of lecture.
- FREN 604: French Narrative and Film** **3 cr.**
A generic (non-historical) study of French narrative and film. Examination of and contrasts of various narrative or representational strategies and techniques, as illustrated in French literature, and analysis of their impact on the public's perception of the novelistic or cinematic work. Students will be expected to apply literary analysis to film and to demonstrate their ability to recognize directorial strategies and patterns of French symbolism in cinema. Three hours of lecture.
- FREN 690: Seminar** **3 cr.**
Prerequisite: Graduate standing. May be repeated for credit for a maximum of six term hours. Selected topics from French literature and linguistics will vary from term to term and will include an in-depth study of related literary history and/or theory. Three hours of seminar.
- FREN 695: Independent Studies in French** **3 cr.**
Prerequisite: Graduate Standing. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports and a learning project emphasizing critical thinking under the direction of a member of the French faculty. Three hours of lecture/research.
- FREN 790: Special Topics in French Literature in Translation** **3 cr.**
Prerequisite: Consent of the department. May be repeated for a maximum of six term hours. Special topics selected from areas such as major authors, periods, genres, influences, and critical theories. Topics vary from term to term. Three hours of seminar.
- FREN 792: Special Topics in European Literature in Translation** **3 cr.**
Course is designed to acquaint students with masterpieces of French, other non-English European literature(s). In-depth study of special topics (major authors, periods, genres, problems of thematic questions) to vary from term to term. May be repeated for a maximum of six term hours. Three hours of seminar. Also listed as EULT 792.

FRESHMAN SEMINAR

- FS 101: Learning Strategies for College Success – Business Students** **3 cr.**
Freshman Seminar 101 is a course designed to help students acquire and sharpen the skills necessary for success in college, and specifically in the College of Business, Education and Human Development. Topics include learning and memory, motivation, test anxiety, reading for comprehension, time management, and numerous others skills and techniques. Additionally, students will receive an introduction to the College of Business, the different degree programs within the College, an introduction to College faculty, and tips on what it takes to obtain a college degree. Three hours of seminar.
- FS 102: Learning Strategies for College Success – Education and Human Development Students** **3 cr.**
Freshman Seminar 102 is a course designed to help students acquire and sharpen the skills necessary for success in college, and specifically in the College of Education and Human Development. Topics include learning and memory, motivation, test anxiety, reading for comprehension, time management, and numerous others skills and techniques. Additionally, students will receive an introduction to the College of Education and Human Development, the different degree programs within the College, an introduction to College faculty. Three hours of seminar.
- FS 103: Learning Strategies for College Success – Liberal Arts Students** **3 cr.**
Freshman Seminar 103 helps students acquire and sharpen the skills necessary for success at the university, in particular the disciplines that constitute the Humanities, Social Sciences, and Fine Arts. Topics include theories of learning, study skills, motivation, test anxiety, and time management. Three hours of seminar.
- FS 104: Learning Strategies for College Success in Mathematics and Science** **3 cr.**
This course is designed to help students acquire and sharpen the skills necessary for success in college, and specifically in majors involving mathematics and science. Topics include test anxiety, reading for comprehension, time management, and study strategies. Students will be introduced to the LSUS degree programs in mathematics and science and to faculty members in those fields. Basic computer technology for scientific applications will be reviewed, such as the use of scientific calculators and mathematical software, spreadsheets, and word processing programs. Three hours of seminar.

GENERAL STUDIES

GS 491: Senior Seminar

3 cr.

Prerequisite: Completion of 90 hours of coursework toward the General Studies degree. An interdisciplinary course based on readings from the disciplines of applied science, humanities, natural science, and social science, designed to provide students with an opportunity to use skills in research, analytical and critical thinking, writing, and oral communication. Three hours of seminar.

GEOGRAPHY

GEOG 105: World Geography*

3 cr.

The geography of the natural environments and human societies of the European, Russian, North American, Middle American, and South American Realms. Three hours of lecture.

GEOG 106: World Geography*

3 cr.

The geography of the natural environments and human societies of the North African/Southwest Asian, Sub-Saharan African, South Asian, East Asian, Southeast Asian, Austral and Pacific Realms. Three hours of lecture.

GEOG 251: Physical Geography*

3 cr.

The fundamentals of the natural landscape with emphasis on worldwide distribution. Three hours of lecture.

GEOG 252: Cultural Geography*

3 cr.

A systematic analysis of the elements of cultural geography, including population, settlement, resource utilization, and landscape modification. Three hours of lecture.

GEOG 257: Maps and Mapping*

3 cr.

An introduction to maps, map use, and modern computer-aided mapping. Three hours of lecture.

GEOG 295: Independent Studies in Geography

3 cr.

Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. An extramural program. Readings, conferences, and reports under the direction of a member of the geography faculty. Three hours of research.

GEOG 312: Geography of S.W. Asia and North Africa (The Middle East)

3 cr.

An examination of the physical landscape, including climate and soils, and the ways the human occupancy has altered the landscape from ancient times until the present. Three hours of lecture.

GEOG 357: Air Photo Interpretation and Remote Sensing Imagery

3 cr.

Prerequisite: GEOG 105 or 106 or consent of department. Use of aerial photographs and remote sensing imagery such as color infrared, side-looking radar, and satellite photography as sources of quantitative and qualitative geographical information; principles of image identification; simple photogrammetric measurements; mapping from aerial photographs, and interpretation of the natural and cultural landscape. Two hours of lecture and one hour of lab.

GEOG 360: Environmental Conservation

3 cr.

Analysis of the factors governing the human use of the earth and its resources. Three hours of lecture.

GEOG 406: Geographic Profiling

3 cr.

Prerequisite: CJ 107 or consent of the department. This course examines the importance of geographic information systems in contemporary crime analysis, including crime mapping, geographic profiling, and homeland security. In addition, this hands-on course demonstrates relevant geographic information technology for law enforcement investigations, and addresses the advantages and disadvantages of implementing such technologies. Three hours of lecture. Also listed at CJ 406.

GEOG 410: Geography of Europe

3 cr.

A physical and cultural survey of the continent. Three hours of lecture.

GEOG 420: Geographic Information Systems

3 cr.

Prerequisite: GEOG 257 or consent of the department. Introduction to fundamental principles of geographic information systems (GIS). Applications, data structures, and basic functions are reviewed. Several different GIS programs are examined. Exercises demonstrate basic GIS functions. Three hours of lecture.

GEOG 450: Geography of Louisiana

3 cr.

An examination of the physical aspects of the landscape, including climate, land-forms, vegetation, and soils, and how the human occupants have altered the landscape from the earliest times until the present. Three hours of lecture.

GEOG 453: Geography of North America

3 cr.

A survey of the physical and cultural environments of the United States and Canada, emphasizing climate, landforms, resources, settlement, and land use. Three hours of lecture.

GEOG 460: Economic Geography

3 cr.

Description and analysis of the location, characteristics, and relationships of primary, secondary, and tertiary economic activity. Measurements and theories of the location of economic endeavor will be considered. Three hours of lecture.

GEOG 480: Geography of Tourism

3 cr.

A survey of the nature of tourism and its impact on the cultural and physical landscape. Emphasis will be placed upon transportation, factors influencing tourism, and tourism as an applied field of geography. Three hours of lecture.

GEOG 490: Seminar

3 cr.

Prerequisite: GEOG 251, 252 or consent of the department. May be repeated for a maximum of six term hours. Examination of selected regions, cultural institutions, or other topics which illustrate the manner in which the geographer analyzes the man-land relationship. Three hours of seminar.

GEOG 495: Independent Studies

3 cr.

Prerequisite: GEOG 251, 252 or consent of the department. May be repeated for credit for a maximum of six term hours. Student must petition for the course the term preceding. Special research projects under the guidance of a member of the geography faculty. Three hours of research.

- GEOG 610: Geography of Europe** 3 cr.
An analysis of the physical and cultural features of the continent. Students will examine the historical context of these features and their impact on society. Three hours of lecture.
- GEOG 620: Geographic Information Systems** 3 cr.
An analysis principles of geographic information systems (GIS), including a review of applications, data structures, and basic functions for various programs. Students will examine the theoretical framework for collecting, presenting, and interpreting data. Three hours of lecture.
- GEOG 650: Geography of Louisiana** 3 cr.
An analysis of the physical aspects of the landscape, including climate, landforms, vegetation, and soils, and of how the human occupants have altered the landscape from the earliest times until the present. Students will examine the cultural, legal, and political contexts of this landscape and its evolution. Three hours of lecture.
- GEOG 653: Geography of North America** 3 cr.
An analysis of the physical and cultural environments of the United States and Canada, emphasizing climate, landforms, resources, settlement, and land use. Students will examine the historical context of these features and their impact on society. Three hours of lecture.
- GEOG 680: Geography of Tourism** 3 cr.
An analysis of the nature of tourism and its impact on the cultural and physical landscape. Emphasis will be placed upon transportation, factors influencing tourism, and tourism as an applied field of geography. Students will examine the historical and cultural contexts of tourism and its effects. Three hours of lecture.
- GEOG 690: Seminar** 3 cr.
May be repeated for a maximum of six term hours. Examination of selected regions, cultural institutions, or other topics which illustrate the manner in which the geographer analyzes the man-land relationship. Three hours of seminar.
- GEOG 695: Independent Studies** 3 cr.
Prerequisite: GEOG 251, 252 or consent of the department. May be repeated for credit for a maximum of six term hours. Student must petition for the course the term preceding. Special research projects under the guidance of a member of the geography faculty. Three hours of research.
- GEOG 701: Development of Geographic Thought** 3 cr.
A survey of the origins and development of the discipline from its beginnings in Southwest Asia and classical development in Greece to its modern evolution in northwestern Europe and America. Three hours of lecture.

GEOLOGY

- GEOL 105: Introduction to Geology** 3 cr.
A study of the earth's materials and land-forms and the physical processes at work upon and within the earth. Three hours of lecture.
- GEOL 106: Petroleum Geology** 3 cr.
Prerequisite: GEOL 105 or consent of the department. Study of the origin, migration, and accumulation of petroleum. Reservoir characteristics and types of petroleum-bearing rock structures emphasized. Three hours of lecture.
- GEOL 205: Environmental Geology** 3 cr.
Prerequisite: GEOL 105. The impact of human activities on geologic processes. Special emphasis on ground and surface water quality, hydrogeology, pollution prevention, and remediation. Three hours of lecture.
- GEOL 320: Basic Hydrogeology** 3 cr.
Prerequisite: GEOL 105. A surface water geosciences course that focuses on the physical and chemical processes driven by the cycling of continental water from soil micropores to global climate scale. Special emphasis on wetland and floodplain environments in the Red River Basin. Students will have the opportunity to work with and develop terrestrial and aquatic automated surface water monitoring sites located in the Red River Education and Research Park. Three hours of lecture. Also listed as ENSC 320.
- GEOL 330: Geomorphology** 3 cr.
Prerequisite: GEOL 105. The origin, history and classification of landforms and the processes that shape the Earth's surface. This surficial processes course will include exercises that focus on interpretation of topographic maps, satellite and airborne remote sensing, and associated technologies (GIS and GPS). Emphasis is placed on recognition of the geological significance of landforms and the effects of land use changes in the watershed and floodplain systems within the Red River Basin. Three hours of lecture. Also listed as ENSC 330.
- GEOL 429: Paleoanalysis: Lakes and Environmental Change** 3 cr.
Prerequisite: GEOL 105. An interdisciplinary course focusing on human-environmental interactions within recent geologic history. Interpretation of environmental change recorded in lake sediments. Regional focus on the Red River Basin lakes with emphasis on complex interactions between urbanized centers and natural systems within Upper Holocene geologic time frame (5000 years ago - present). Geo-indicators of rapid environmental change (e.g. sediment stream storage and load) investigated to develop understanding of the dynamic relationships between anthropogenic and geogenic sources and processes. Three hours of lecture. Also listed as ENSC 420.

GERMAN

The native of a country where German is the current and official language may not enroll for credit in German 101, 102, 201 or 205 before taking a placement test to determine credit and placement. A student who has some high school credit in German and selects German for study at the University must take a placement test in German and register in the course appropriate to the score on the test (regardless of amount of credits earned in high school). Credit is granted for all courses numbered lower than the course in which the student is placed. It is recommended that a student with German credits earned at another college take the placement tests for guidance in scheduling.

- GERM 101: Elementary German I** **3 cr.**
No prerequisite. A study of the fundamentals of German grammar, with special emphasis given to aural-oral practice in the language. Grammar, conversation, aural comprehension, and elementary reading selections. Three hours of lecture.
- GERM 102: Elementary German II** **3 cr.**
Prerequisite: GERM 101 or advanced standing placement. A continuation of GERM 101 with continued emphasis on the aural-oral aspects of the language. Continuation of elementary reading selections. Three hours of lecture.
- GERM 201: Intermediate German** **3 cr.**
Prerequisite: GERM 102 or advanced standing placement. A systematic review of grammar with continued oral work, vocabulary building, and reading of German prose. Three hours of lecture.
- GERM 202: German Conversation** **2 cr.**
Prerequisite: GERM 102 or consent of the department. A conversation course emphasizing aural-oral use of the language in everyday situations. Continued vocabulary development, role-playing, occasional oral and written reports. Two hours of lecture.
- GERM 205: Intermediate Readings in German Literature** **3 cr.**
Prerequisite: GERM 102 or advanced standing placement. A survey of modern German short stories and one short novel by a contemporary author. Three hours of lecture.
- GERM 292: Study Abroad** **1-15 cr.**
Prerequisite: Consent of the department. For students enrolled in an approved academic program in a German-speaking country. Upon return, LSUS equivalency may be assigned for part or all of this work. Variable credit to a maximum of 15 term hours. Grading is on a pass/no credit basis. In some cases tuition will need to be paid at a foreign university.
- GERM 304: Advanced German Grammar and Composition** **3 cr.**
Prerequisite: GERM 201 or consent of the department. Intensive study of German syntax with extensive practice in oral and written communication and translation. Emphasis will be given to the special grammatical difficulties experienced by English-speaking students of German. Three hours of lecture.
- GERM 307: Modern German Culture** **3 cr.**
Prerequisite: Six hours in German at the 200 levels or consent of the department. A study of German culture with emphasis on the post-World War II era. Three hours of lecture.
- GERM 309: The German Novelle** **3 cr.**
Prerequisite: Six hours of German at the 200 levels or consent of the department. The German novelle as reflected in a survey of nineteenth and twentieth century authors. Three hours of lecture.
- GERM 332: German Literature Since 1832** **3 cr.**
Prerequisite: Six hours of German at the 200 levels or consent of the department. A survey of German literature from the death of Goethe to the modern period. Three hours of lecture.
- GERM 392: Study Abroad** **1-15 cr.**
Prerequisite: Consent of the department. For students enrolled in an approved academic program in a German-speaking country. Upon return, LSUS equivalency may be assigned for part or all of this work. Variable credit to a maximum of 15 term hours. Grading is on a pass/no credit basis. Same as GERM 292 except that LSUS credit is restricted to coursework considered advanced. In some cases tuition will need to be paid at a foreign university.
- GERM 495: Independent Studies in German** **3 cr.**
Prerequisite: Three hours of German at the 300 level and consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the direction of a member of the German faculty. Three hours of research.
- GERM 695: Independent Studies in German** **3 cr.**
Prerequisites: Graduate Standing. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports, and a written project emphasizing critical thinking under the direction of a member of the German faculty. Three hours of research.
- GERM 790: Special Topics in German Literature in Translation** **3 cr.**
Prerequisite: Consent of the department. May be repeated for a maximum of six term hours. Special topics selected from areas such as major authors, periods, genres, influences, and critical theories. Topics vary from term to term. Three hours of seminar.
- GERM 792: Special Topics in European Literature in Translation** **3 cr.**
Course is designed to acquaint students with masterpieces of German and other non-English European literature(s). In-depth study of special topics (major authors, periods, genres, problems or thematic questions) to vary from term to term. May be repeated for a maximum of six term hours. Three hours of seminar. Also listed as EULT 792.

HEALTH ADMINISTRATION

- HCAD 701: Healthcare Organizational Behavior** **3 cr.**
Prerequisite: Consent of the Department. Explores aspects of organizational behavior as they relate to healthcare entities, with significant attention being placed on the areas of organization design, culture, leadership, communication, power, and motivation. Three hours of lecture.
- HCAD 710: Healthcare Human Resource Management** **3 cr.**
Prerequisite: Consent of the Department. Explores employment-related issues and events in healthcare organizations, with significant attention being placed on the areas of staffing, compensation, employee/labor relations, safety and health, and employee development. Three hours of lecture.
- HCAD 730: Healthcare Systems** **3 cr.**
Prerequisite: Consent of the Department. Explores the various components of the United States healthcare industry, with significant attention being placed on the various entities operating within the industry, the labor requirements of healthcare organizations, the application of technology within the industry, the role of third-party payer systems, and the role of regulatory agencies. Three hours of lecture. (Cross-listed with MADM 730).

HCAD 731: Healthcare Law and Ethics	3 cr.
Prerequisite: Consent of the department. A seminar designed to explore a variety of the legal and ethical issues that arise in the provision of health care in the United States. Three hours of lecture. (cross-listed with BLAW 730)	
HCAD 740: Healthcare Marketing	3 cr.
Prerequisite: Consent of the Department. Explores the gamut of issues, events, and circumstances related to marketing in the healthcare industry, with significant attention being placed on the areas of environmental and competitive assessment, portfolio analysis, consumer behavior, new product development, the formulation of the marketing mix, and marketing strategy and planning. Three hours of lecture.	
HCAD 750: Healthcare Informatics	3 cr.
Prerequisite: Consent of the Department. Focuses on the selection, installation, and use of information systems in the healthcare industry, with significant emphasis being placed on the use of computer technologies to improve efficiency and effectiveness across administrative and clinical operations within healthcare entities. Three hours of lecture.	
HCAD 760: Healthcare Finance	3 cr.
Prerequisite: Consent of the Department. Explores the financial management practices of healthcare organizations, including market structure and reimbursement, fund accounting, financial ratio analysis, capital and money markets, working capital management, capital budgeting, and analysis of mergers and acquisitions. Three hours of lecture.	
HCAD 770: Healthcare Economics	3 cr.
Prerequisite: Consent of the Department. Explores the tools and techniques of healthcare economics, with significant attention being placed on the areas of healthcare consumption, production of healthcare goods and services, and resource allocation. Three hours of lecture.	
HCAD 780: Healthcare Policy	3 cr.
Prerequisite: Consent of the Department. Explores the gamut of issues, events, and circumstances related to healthcare policy in the United States of America, with significant attention being placed on the areas of governmental systems, the policy process, policy research, and interest groups. Three hours of lecture.	
HCAD 790: Healthcare Strategic Management	3 cr.
Prerequisite: Consent of the Department. Investigates strategic management from the perspective of the healthcare executive, exploring such topics as mission formulation, value chain analysis, and environmental analysis, along with the strategic management process of strategy planning, formulation, implementation, evaluation, and control. Three hours of lecture.	

HEALTH AND PHYSICAL EDUCATION

Service Courses

HPE 100: Jogging and Walking for Fitness	1 cr.
The course is designed to introduce the fundamental physiological, biomechanical, and nutritional concepts of upright, weight-bearing exercise. Walking and/or jogging will be the exercise modes utilized. Three hours of lab.	
HPE 101: Archery	1 cr.
Basic fundamentals for the beginner including stance, hold, draw, aim, and release. Three hours of lab.	
HPE 102: Intermediate Archery	1 cr.
Prerequisite: HPE 101. Designed for the archer who wishes to pursue field archery. Basic skills will be reviewed, additional skills will be introduced and field experience will be emphasized. Three hours of lab.	
HPE 103: Hatha Yoga	1 cr.
Introduction to beginning classic yoga postures, breathing exercises, and relaxation. Develops muscle tone, strength and endurance as well as balance, agility, and flexibility. Increases concentration and ability to relax and focus. Three hours of lab.	
HPE 104: Tennis	1 cr.
This course is designed to teach the rules of play and the basic skills for the beginning tennis player, including the serve, forehand and backhand drives, and volley. Three hours of lab.	
HPE 105: Intermediate Tennis	1 cr.
Basic skills will be reviewed, some additional skills will be introduced, and court strategy will be emphasized. Three hours of lab.	
HPE 106: Baseball	1 cr.
Introduction to the sport of baseball. History, rules, skill development, and team strategy. Three hours of lab.	
HPE 107: Golf	1 cr.
Basic skills, rules, and etiquette for the beginner. Three hours of lab.	
HPE 108: Intermediate Golf	1 cr.
Basic skills will be reviewed, some additional skills will be introduced, and strategies will be emphasized. Three hours of lab.	
HPE 109: Disk Golf	1 cr.
This course is designed to teach the fundamentals of the sport. Rules, basic strategies, and elements of shot-making will be presented. While designed primarily for the novice, players with some experience should find their scoring improved as a result of a structured learning environment. Three hours of lab.	
HPE 110: Gymnastics and Tumbling	1 cr.
Teaches the fundamental and beginning skills in gymnastics and tumbling. Three hours of lab.	
HPE 112: Fundamentals of Dance Education	1 cr.
This course is designed as an introduction to the world of dance. An overview of various dance forms (e.g. folk, jazz, modern, social) is given and the importance of developing dance technique in each form is emphasized. This course is particularly useful for future teachers and exercise leaders. Three hours of lab.	
HPE 113: Outdoor Recreational Activities	1 cr.
A course appropriate for students in any curriculum. Activities are variable depending upon student interest, instructor expertise, and available equipment and facilities. Examples: camping, hiking, back-packing, orienteering, canoeing, cycling, sailing, and rock-climbing. Three hours of lab.	

- HPE 114: Martial Arts** 1 cr.
A course designed to introduce the student to one of several martial arts forms. With emphasis on safety and philosophy of martial arts, students will learn elements of basic skills. The emphasis from among the martial arts disciplines of judo, karate, or other martial arts will be determined by the needs of the class and the expertise of the instructor. Three hours of lab.
- HPE 115: Orienteering** 1 cr.
Learn details of map-reading, master use of the compass for land navigation, and hike with a sense of confidence. From theory in the classroom to application in safe, controlled outings, culminating in competitive Orienteering. Three hours of lab.
- HPE 116: Badminton** 1 cr.
This course is designed to teach the rules, patterns of play, and basic skills for the beginning badminton player. Attention is given to the fundamental serves and rallying strokes. Three hours of lecture.
- HPE 117: Intermediate Badminton** 1 cr.
Prerequisite: HPE 116. Basic skills are reviewed; additional skills are introduced and strategies of play are emphasized. Three hours of lab.
- HPE 122: Swimming** 1 cr.
For the non-swimmer and the weak swimmer desiring to improve swimming skills and knowledge of personal water safety. Three hours of lab.
- HPE 123: Intermediate Swimming** 1 cr.
Prerequisite: HPE 122 or consent of the department. Technique and skill development of eight (8) swimming strokes and basic water safety and rescue. Three hours of lab.
- HPE 125: International Folk Dance*** 1 cr.
Basic fundamentals of couple or group dances including squares, sets, and circle dances from various countries. Three hours of lab.
- HPE 128: Weight Training** 1 cr.
Development of basic skills in weight training and improvement of physical fitness. Three hours of lab.
- HPE 130: Weightlifting** 1 cr.
Development of the basic skills in the sport of weightlifting. Attention to techniques in the snatch and clean and jerk for competition and applications for enhancement of sports performance. Three hours of lab.
- HPE 133: Life-guarding** 1 cr.
Prerequisite: HPE 123 or consent of the department. The fundamentals and skills of life-guarding are developed and American Red Cross Certification is awarded for successful completion of the requirements. Three hours of lab.
- HPE 134: Water Safety Instruction** 1 cr.
Prerequisite: HPE 123 or consent of the department. Methods of teaching swimming. American Red Cross Certification is awarded for successful completion of the requirements. Three hours of lab.
- HPE 135: Fundamentals of Skin and SCUBA Diving** 1 cr.
An introduction to the fundamental principles and methods of safe skin and SCUBA diving. Three hours of lab.
- HPE 136: Advanced Open Water Diver** 1 cr.
Prerequisite: HPE 135 or equivalent. Natural and compass navigation, night dive, search and light salvage. Intermediate level physics and physiology of diving, including critical elements and skills of deep diving. Three hours of lab.
- HPE 141: Social Dance*** 1 cr.
This course introduces the student to social dancing of the 20th century. Attention is directed toward developing dance skill, style, and rhythmical coordination in the following dances: foxtrot, Charleston, swing, Latin, rock and roll, country and western, and Cajun. Three hours of lab.
- HPE 143: Physical Fitness and Wellness** 2 cr.
Teaches the student how to take control of personal health and lifestyle habits and how to implement a physical fitness program. Attention is given to cardiorespiratory endurance, muscle strength and endurance, body composition, flexibility, nutrition and weight control. One hour of lecture and two hours of lab.
- HPE 144: Conditioning Exercise** 1 cr.
The primary objective of this course is to improve the physical condition of students. Attention is given to diet and weight control, use of good body mechanics, the development of the muscular system, and the improvement of cardiovascular efficiency. Three hours of lab.
- HPE 151: Racquetball** 1 cr.
Basic skills and rules of play for the beginner. Three hours of lab.
- HPE 155: Aerobic Dance** 1 cr.
This course emphasizes the development of cardiorespiratory endurance and other components of fitness. Concepts of nutrition, posture, and physiological principles of exercise are also presented. Three hours of lab.
- HPE 160: Team Sports Activity: Basketball** 1 cr.
A general survey course in basic basketball. Attention is given to the introduction and development of fundamental skills and knowledge of the game. Three hours of lab.
- HPE 161: Team Sports Activity: Soccer** 1 cr.
A general survey course in Soccer. The course emphasizes the development of individual fundamental skills, Individual tactics, and team strategy. Three hours of lab.
- HPE 162: Team Sports Activity: Volleyball** 1 cr.
A general survey course in basic volleyball. Attention is given to the introduction and development of fundamentals, basic skills, and knowledge. Three hours of lab.
- HPE 163: Team Sports Activity: Flag Football** 1 cr.
A general survey course in flag football. Attention is given to the introduction and development of fundamentals, knowledge, and skills. Three hours of lab.

HPE 170: Martial Arts - Judo**1 cr.**

A course designed to introduce the student to one of several martial arts forms. With an emphasis on safety and philosophy of martial arts, students will learn elements of basic skills. According to student interest and expertise of the instructor, judo, karate, or other martial arts might be the focus of the course. Three hours of lab.

HPE 190: Special Service Activities**1 cr.**

No prerequisite. Basic skills, techniques, and rules for identified service activity. Activity chosen from modern developments in sport and recreational activities. Three hours of lab.

HISTORY

HIST 105: History of Western Civilization to 1500***3 cr.**

The development of ideas, trends, and institutions in Western civilization from earliest times to the Renaissance. Depending on the curriculum, students may take three or six hours from the following: HIST 105, 106 or 107. Three hours of lecture.

HIST 106: History of Western Civilization, 1500 - 1815***3 cr.**

The Development of Western civilization from the Renaissance through the Age of Napoleon. Depending on the curriculum, students may take three or six hours from the following: HIST 105, 106 or 107. Three hours of lecture

HIST 107: History of Western Civilization: 1815 to the Present***3 cr.**

The development of Western civilization from the era of Napoleon to the present. Depending on the curriculum, students may take three or six hours from the following: HIST 105, 106 or 107. Three hours of lecture.

HIST 145: United States History to 1877***3 cr.**

Survey of United States history from discovery to 1877. Three hours of lecture.

HIST 146: United States History Since 1877***3 cr.**

Survey of United States history from 1877 to the present. Three hours of lecture.

HIST 251: The Near and Middle East**3 cr.**

A history of the Islamic world from earliest times to the present. Emphasis will be placed on the twentieth century and the rise of the Islamic world to its present position of importance. Three hours of lecture.

HIST 252: The Far East**3 cr.**

A study of China, Japan, and South-East Asia, with emphasis on the nineteenth and twentieth centuries. Three hours of lecture.

HIST 271: History of Louisiana**3 cr.**

General survey of the political, economic, social, and cultural development of Louisiana. Three hours of lecture.

HIST 299: Sources and Methods in History**3 cr.**

Techniques of research and bibliographical aids. Three hours of seminar.

HIST 320: African-American History**3 cr.**

Social, cultural, and economic role of African-Americans in the U.S. from 1619 to the present. Three hours of lecture.

HIST 325: History of Christianity I**3 cr.**

This class is a survey course designed to provide an overview of the history of Christianity and Christian thought from the first century through the middle of the sixteenth century. In addition to providing a basic narrative history of Christianity in the West during this period, the course will involve students in exploring the thoughts of Patristic and Medieval scholars such as Origen, Augustine, and Aquinas. Three hours of lecture. Also listed as RELS 325, which cannot be taken for credit in addition to this course.

HIST 326: History of Christianity II**3 cr.**

A survey of the history of Christianity from the Reformation to the present. This course emphasizes the Reformation and Counter-Reformation, the Enlightenment, and the rise of both liberalism and fundamentalism. This course focuses on the development of Christian ideas and institutions within their corresponding social, cultural, and political contexts. Three hours of lecture. Also listed as RELS 326, which cannot be taken for credit in addition to this course.

HIST 399: Internship in History**3 cr.**

Prerequisites: Fifteen term hours in history, a minimum 3.0 GPA in all history course work, junior standing and approval by the department. Supervised work in historic preservation, public history, oral history, and/or other historical research. Each student will complete a specific project in a selected area under the direction of a member of the History Department faculty. One hour lecture, four hours lab. May be repeated for a maximum of six hours.

HIST 400: War and Society**3 cr.**

This course explores the relationship between war and society since the Renaissance and traces the impact of warfare around the globe. It examines the causes and impact of wars, and the ways social relations shape the nature and conduct of war. Three hours of lecture.

HIST 402: World Military History**3 cr.**

An overview of world military history from ancient times to the modern age. This will discuss the various causes of conflict and study its operational, strategic and tactical aspects, as well as the effects of military technology on warfare. Three hours of lecture.

HIST 414: Imperial Russia**3 cr.**

History of Russian state from the Kievan period to the death of Alexander II. Emphasis will be placed on the eighteenth and nineteenth centuries. Three hours of lecture.

HIST 415: Russia since 1881**3 cr.**

A study of the events leading to the Bolshevik putsch of 1917; the political, economic, and social developments of the Stalin era; the search for stability and the Cold War; the collapse of the Soviet empire. Three hours of lecture.

HIST 423: U.S. Diplomatic History**3 cr.**

A study of American diplomatic history/foreign policy from colonial times to Vietnam with emphasis on the Revolutionary Era. Monroe Doctrine, Manifest Destiny, Imperialism, two World Wars, and the Cold War. Three hours of lecture.

HIST 425: Ancient Near East**3 cr.**

Studies the ancient Near Eastern cultures that formed the basis for Western Civilization from pre-history to advent of the Romans. Emphasis will be placed on the Fertile Crescent civilizations of Persia, Mesopotamia, Egypt, and the Levant. Three hours of lecture.

- HIST 428: History of Rome: Republic and Empire** **3 cr.**
Interdisciplinary study of the history and culture of the Roman Republic and Empire. Emphasis is placed on Roman influences on United States history and culture, including government and society, rhetoric and education, religion and philosophy, art and architecture, literature and theater. Three hours of lecture.
- HIST 430: Renaissance and Reformation** **3 cr.**
A study of the political, intellectual, religious, and cultural developments in Europe from the mid-15th century to the Peace of Westphalia in 1648. Three hours of lecture.
- HIST 431: Absolutism and Enlightenment: 1648 - 1774** **3 cr.**
A study of the social, economic, political and intellectual developments from the end of the Reformation to the death of Louis XV. Special emphasis will be placed on the age of Absolute Monarchy in France and Central Europe, and the age of European Enlightenment. Three hours of lecture.
- HIST 432: The French Revolution 1774-1799** **3 cr.**
This course is a social, economic, and political study of the collapse of the French monarchy. Special emphasis will be placed on the radical transformation of the French state by forces unleashed by revolution. Three hours of lecture.
- HIST 433: Europe in the Nineteenth Century** **3 cr.**
A study of the social, economic, political, and intellectual developments from the Congress of Vienna through World War I. Special emphasis will be placed on the impact of the industrial Revolution on European Society, the intellectual developments, the unification movements, and the origins and outcomes of World War I. Three hours of lecture.
- HIST 434: Age of Napoleon 1799 - 1815** **3 cr.**
This course traces the rise of Napoleon and his impact - political, social, economic, military, etc. - on France and Europe, culminating in his defeat at Waterloo. Three hours of lecture.
- HIST 435: Europe Since 1919** **3 cr.**
The background, course, and results of World War II; the search for stability in post-war Europe; the Cold War and the collapse of totalitarian governments in Eastern Europe. Three hours of lecture.
- HIST 437: The First World War** **3 cr.**
A study of the origins and political, military, naval, economic, and social components of the First World War. Three hours of lecture.
- HIST 438: The Second World War** **3 cr.**
A study of the origins and political, military, naval, economic, and social components of the Second World War. Three hours of lecture.
- HIST 440: British History to 1603** **3 cr.**
Study of the development of the English nation from its earliest origins to the death of Elizabeth I. Emphasis is placed on the historic development of English institutions and the Tudor period. Three hours of lecture.
- HIST 441: British History since 1603** **3 cr.**
Study of the development of Great Britain from the death of Elizabeth I to present times. Emphasis is placed on the rise of Great Britain to the rank of global power and the factors behind this development. Three hours of lecture.
- HIST 446: Nazi Germany: The Rise and Fall of the Third Reich** **3 cr.**
This course will examine the rise and fall of Nazi Germany between the years 1919 and 1945 with particular emphasis on Nazi racial and social ideology. Three hours of lecture.
- HIST 447: The Holocaust** **3 cr.**
A study of modern anti-Semitism and the historical forces that produced genocide during the Second World War. Emphasis is placed on the Jewish experience as well as the Nazi assault on "life unworthy of life." Three hours of lecture.
- HIST 450: The American Revolution** **3 cr.**
A study of the beginnings of the United States of America: the colonial background, the American Revolution, and the writing of the Constitution. Three hours of lecture.
- HIST 451: The American Frontier** **3 cr.**
A study of the history and culture of the American Frontier from colonial times through the nineteenth century. Emphasis will be given to the explorations, settlement, political issues, and economic development, and cultural collisions in the Trans-Mississippi West: the Louisiana Purchase territory, the Spanish/Mexican borderlands of the Southwest, and the far Northwest. Three hours of lecture.
- HIST 452: Early National Period: The United States, 1783-1824** **3 cr.**
An advanced course in the history of the United States from 1783 to 1824, with emphasis on the economic, political, social, and constitutional development of the period. Three hours of lecture.
- HIST 454: Jacksonian America, 1825-1850** **3 cr.**
A study of United States history from the beginnings of the Jacksonian movement through the Mexican War, with emphasis on the political, economic, and social aspects of the period. Three hours of lecture.
- HIST 455: The United States Civil War Era** **3 cr.**
A study of the causes, the conflict, and the aftermath of the American Civil War. Three hours of lecture.
- HIST 456: The Emergence of Modern America: The United States, 1877-1917** **3 cr.**
A study of the impact of big business on politics and on selected aspects of social life. Three hours of lecture.
- HIST 457: Recent American History: The United States, 1917-1945** **3 cr.**
A study of the United States beginning with World War I and continuing through the roaring twenties, the great depression, the New Deal and the home-front during World War II. Three hours of lecture.
- HIST 458: The Cold War** **3 cr.**
A study of the Cold War with special emphasis on the United States. Three hours of lecture.
- HIST 459: The Vietnam War** **3 cr.**
A study of the background, politics, military, economic and social components of America's involvement in the conflict in Southeast Asia. Three hours of lecture.
- HIST 470: United States Military History** **3 cr.**
A survey of the history of American wars, warfare, and way of war from the American Revolution to modern times. Three hours of lecture.

- HIST 471: Civil War in Louisiana** 3 cr.
Louisiana during the Civil War. Topics will include the military, political and economic origins of the war in Louisiana, Union and Confederate preparations, naval forces and their uses, composition of the Union and Confederate armies, personalities of the major commanders, tactics, battles and aftermath. Three hours of lecture.
- HIST 475: Seminar in Local History** 3 cr.
A study of the literature and methodology of local history. Emphasizes research and presentation of the history and culture of the Red River Region. Requires completion of a research project based on primary research and oral history and aimed at publication or presentation in a public format such as conference, museum exhibit, or documentary. Three hours of seminar.
- HIST 476: Public History** 3 cr.
A study of the development of theory and practice of public history in the United States from the nineteenth century to the present. Students will gain experience in methods of research and presentation of history in public venues and awareness of career opportunities in the field of public history. Three hours of lecture.
- HIST 480: History of Science** 3 cr.
This course covers the growth of science from Ancient Greece to the 21st century and its impact on the development of western civilization. Emphasis is placed on the biological, chemical, and physical sciences. Three hours of lecture. Also listed as SC 480.
- HIST 490: Special Topics in History** 3 cr.
Prerequisite: Consent of the department. May be repeated for a maximum of six term hours. Selected topics from American, European, and Latin American history will vary from term to term. Three hours of seminar.
- HIST 495: Independent Studies** 3 cr.
Prerequisite: Consent of department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the history faculty. Three hours of research.
- HIST 499: Senior Seminar** 3 cr.
Prerequisite: HIST 299. This capstone course is an application of knowledge acquired from HIST 299. Students will gather information and conduct research involving an original topic to produce a treatise in consultation with the seminar director. Three hours of seminar.
- HIST 600: War and Society** 3 cr.
The course provides a detailed study of war's social, cultural and economic dimensions. Instead of classical emphasis on battles and campaigns, it examines the impact of wars on social groups and society in general, and the ways in which social relations shape the nature and conduct of war and vice-versa. Additional emphasis is placed on the role of war in the development of modern states and national identities, the interplay of technology, warfare and social change, and the future of warfare as a tool in politics. The course is research oriented and requires students to produce several graduate level written assignments. Three hours of lecture.
- HIST 602: World Military History** 3 cr.
This course will provide an overview of the history of warfare from the Renaissance to the modern age. It will discuss the operational, strategic and tactical aspects of specific conflicts, as well as the effect of the development of military technology on the course of warfare. This is a research oriented course and students will complete research assignments on topics approved by instructor. Three hours of lecture.
- HIST 614: Imperial Russia** 3 cr.
History of Russian state from the Kievan period to the death of Alexander II. Emphasis will be placed on the eighteenth and nineteenth centuries. Three hours of lecture.
- HIST 615: Russia since 1881** 3 cr.
A study of the events leading to the Bolshevik putsch of 1917; the political, economic and social developments of the Stalin era; the search for stability and the cold War; the collapse of the Soviet empire. Three hours of lecture.
- HIST 623: U.S. Diplomatic History** 3 cr.
A study of American diplomatic history/foreign policy from colonial times to the Vietnam War with emphasis on U.S. imperialism and its impact on the non-western world. The role of U.S. Diplomacy in the conflicts of the 20th century will be examined. Three hours of lecture.
- HIST 628: History of Rome – Republic and Empire** 3 cr.
Interdisciplinary study of the history and culture of the Roman Republic and Empire. Emphasis is placed on Roman influences on United States history and culture, including government and society, rhetoric and education, religion and philosophy, art and architecture, literature and theatre. Three hours of lecture.
- HIST 630: Renaissance and Reformation** 3 cr.
A study of the political, intellectual, religious, and cultural developments in Europe from the mid-15th century to the Peace of Westphalia in 1648. Three hours of lecture.
- HIST 631: Old Regime and Enlightenment: 1648-1774** 3 cr.
A study of the social, economic, political and intellectual developments from the end of the Reformation to the death of Louis IV. Special emphasis will be placed on the European Enlightenment and the decline of the French monarchy. Three hours of lecture.
- HIST 632: The French Revolution: 1774 - 1799** 3 cr.
And examination of the history of the French Revolution. Special emphasis will be placed on the collapse of the French monarchy and the transformation of the French state. The military, political, and diplomatic consequences of the Revolution on the rest of Europe will also be examined. Three hours of lecture.
- HIST 633: Europe in the Nineteenth Century** 3 cr.
A study of the social, economic, political, and intellectual developments from the Congress of Vienna through World War I. Special emphasis will be placed on the impact of the Industrial Revolution on European Society, the intellectual developments, the unification movements, and the origins and outcomes of World War I. Three hours of lecture. For undergraduate credit, see also HIST 433.
- HIST 634: Age of Napoleon 1799 - 1815** 3 cr.
This course will examine Napoleon's impact on France as well as the impact of Napoleonic rule on European history. Special emphasis will be placed on the military, political, and diplomatic history of the period. Three hours of lecture.
- HIST 635: Europe since 1919** 3 cr.
The background, course, and results of World War II; the search for stability in post-war Europe; the Cold War and the collapse of totalitarian governments in Eastern Europe. Three hours of lecture. For undergraduate credit, see also HIST 435.

- HIST 637: The First World War** 3 cr.
This course studies the Great War (1914 – 1918), encompassing its military, political, social, economic and cultural dimensions. It discusses the cause and impact of the war, the way it shaped the nature and conduct of future wars. Special emphasis is placed on the role the Great War played in the development of national identities, and the interplay between technology, warfare and social change. The course is research oriented and requires students to produce several graduate level written assignments. Three hours lecture.
- HIST 638: The Second World War** 3 cr.
An in-depth study of the technological and military development between the two world wars, as well as the military and naval history from the bombing of Pearl Harbor until peace in 1945. Three hours of lecture.
- HIST 640: British History to 1603** 3 cr.
Study of the development of the English nation from its earliest origins to the death of Elizabeth I. Emphasis is placed on the historic development of English institutions and the Tudor period. Three hours of lecture.
- HIST 641: British History Since 1603** 3 cr.
Study of the development of Great Britain from the death of Elizabeth I to present times. Emphasis is placed on the rise of Great Britain to the rank of global power and the factors behind this development. Three hours of lecture.
- HIST 646: Nazi Germany: The Rise and Fall of the Third Reich** 3 cr.
This course will examine the rise and fall of Nazi Germany between the years 1919 and 1945 with particular emphasis on Nazi racial and social ideology. Three hours of lecture.
- HIST 647: The Holocaust** 3 cr.
A study of modern anti-Semitism and the historical forces that produced genocide during the Second World War. Emphasis is placed on the Jewish experience as well as the Nazi assault on "life unworthy of life." Three hours of lecture.
- HIST 650: The American Revolution** 3 cr.
An examination of the history of the American Revolution. Special emphasis will be placed on the military, political, and diplomatic aspects of the American Revolution from the colonizing of North America to the independence of the United States 1950's through the 1980's. . Three hours of lecture.
- HIST 651: The American Frontier** 3 cr.
A study of the history and culture of the American Frontier from colonial times through the nineteenth century. Emphasis will be given to the explorations, settlement, political issues, economic development, and cultural collisions in the Trans-Mississippi West: The Louisiana Purchase territory, the Spanish/Mexican borderlands of the Southwest, and the Far Northwest. Three hours of lecture.
- HIST 652: Early National Period: The United States, 1783-1824** 3 cr.
An advanced course in the history of the United States from 1783 to 1824, with emphasis on the economic, political, social, and constitutional development of the period. Three hours of lecture.
- HIST 654: Jacksonian America, 1825-1850** 3 cr.
A study of United States history from the beginnings of the Jacksonian movement through the Mexican War, with emphasis on the political, economic, and social aspects of the period. Three hours of lecture.
- HIST 655: The United States Civil War: 1850-1877** 3 cr.
An examination of the history of the United States Civil War. Special emphasis will be placed on the military campaigns and the political aspects of the war. Topics will include the immediate origins of the war, military preparations, the operational and strategic evaluation of both Union and Confederate forces, and tactics and technology. Three hours of lecture.
- HIST 656: The Emergence of Modern America: The United States, 1877-1929** 3 cr.
A study of the impact of big business on politics and on selected aspects of social life. Three hours of lecture.
- HIST 657: Recent American History: The United States, 1917-1945** 3 cr.
A study of the United States beginning with World War I and continuing through the roaring twenties, the great depression, the New Deal and the home front during World War II. Three hours of lecture.
- HIST 658: The Cold War** 3 cr.
An examination of the history of the Cold War. Special emphasis will be placed on the military, political, and diplomatic aspects of the Cold War from the 1950's through the 1980's. Three hours of lecture.
- HIST 659: The Vietnam War** 3 cr.
An examination of the causes, military campaigns, and results of the Vietnam War. The course will examine the political, military, and social consequences of American's involvement in the conflict. Three hours of lecture.
- HIST 670: US Military History** 3 cr.
A study of the history of US armed conflict from the American Revolution to the present. This course will examine the e operational, strategic, and tactical aspects of specific conflicts, as well as the effect of the development of military technology on the course of US military policy. The course will be research and writing intensive with students demonstrating these abilities through reviews and a major paper. Three hours of lecture.
- HIST 671: Civil War in Louisiana** 3 cr.
Louisiana during the Civil War. Topics will include the military, political and economic origins of the war in Louisiana, Union and Confederate preparations, naval forces and their uses, composition of the Union and Confederate armies, personalities of the major commanders, tactics, battles and aftermath. Three hours of lecture.
- HIST 675: Seminar in Local History** 3 cr.
This course provides a detailed study of the literature and methodology of local history. It emphasizes research and presentation of the history and culture of the Red River region. The course requires the completion of a research project based on primary research and oral history and aimed at publication or presentation in a public format such as a conference, museum exhibit, or documentary. The course is research oriented and requires students to produce several graduate level written assignments. Three hours of seminar.
- HIST 690: Seminar in History** 3 cr.
Prerequisite: Consent of the department. May be repeated for a maximum of six term hours. Selected topics from American, European, and Latin American history will vary from term to term. Three hours of seminar.

HIST 695: Independent Studies**3 cr.**

Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the history graduate faculty. Three hours of research.

HIST 706: American Social and Intellectual History**3 cr.**

A study of major intellectual forces that shaped American history from colonial days to the present. Emphasis will be on Puritanism, transcendentalism, nationalism, Darwinism, liberalism, reformism, and conservatism. Three hours of lecture.

HIST 720: History of Science**3 cr.**

Prerequisite: Consent of the department. Covers the growth of science from ancient Greece to the 20th Century and its impact on the development of western civilization. Emphasis is placed on the biological and chemical sciences. Three hours of lecture. Also listed as BIOS 720.

HIST 790: Special Topics in History**3 cr.**

May be repeated for credit for a maximum of six term hours. Special topics are selected from areas such as American, European and Latin American history. Three hours of seminar

HUMAN SERVICES ADMINISTRATION

HSA 492: Seminar in Nonprofit Organizations**3 cr.**

Prerequisite: Consent of the department. Designed as a preparation for student internships in not-for-profit organizations by having them solve problems in areas such as finances, personnel, marketing, and risk-management in a simulated organization. There will be individual/group projects. Three hours of seminar. Also listed as POLI 492 and SOCL 492.

HSA 494: Topics in Nonprofit Organizations**3 cr.**

Explores various topics in nonprofit organizations, particularly those necessary for American Humanics Certifications, such as fundraising, strategic planning and board of directors. Three hours of lecture. Also listed as SOCL 494.

HSA 702: Development of Philanthropy and Nonprofit Organizations**3 cr.**

A foundation course examining the origins and societal role of private nonprofit organizations including their social, political, economic, cultural, and ideological importance in American society. Three hours of lecture.

HSA 703: Administrative Law and Human Services Organizations**3 cr.**

A survey of legal concepts which affect the administration of human services from constitutional, statutory and common or case law. Particular emphasis will be given to such topics as: organization, authority and procedures of administrative agencies; judicial review of administrative decisions; tort liability; civil rights and legislation; client rights and privacy, contracts, employee relations and due process. Three hours of lecture.

HSA 706: Human Services Administration Research Methods**3 cr.**

An exploration of research techniques and procedures most applicable to human services organizations with special emphasis on program evaluation. Three hours of lecture.

HSA 708: Nonprofit Organization Administration Theory and Research**3 cr.**

This course explores theories and research related to the administration of nonprofit organizations. Students will spend time solving case studies on a range of topics such as mission statements, structural analysis, and human resource management among others. Three hours of lecture.

HSA 710: Nonprofit Human Resource Administration**3 cr.**

Current issues in human resource administration for employees of nonprofit organizations. Topics include such areas as recruitment, staff development, performance, evaluation, labor-management issues, and affirmative action. Three hours of lecture.

HSA 734: Nonprofit Governance and Decision Making**3 cr.**

Analysis of the respective roles of board, executive director, staff and volunteers in nonprofit organizations. Techniques for achieving effective board meetings and committee work, the development of board members, and policy development. Three hours of lecture.

HSA 761: Nonprofit Financial Administration**3 cr.**

The conceptual and technical skills needed to manage financial and strategic control problems facing human service administrators. Topics to be addressed include financial planning and strategy, financial reports, types and sources of funding, cash management, banking relations, liabilities, investment policies and procedures, safeguarding assets, and financial policies. Three hours of lecture.

HSA 762: Nonprofit Resource Development**3 cr.**

An exploration of the theory, research, and best practice techniques on resource development for nonprofit organizations. Topics to be addressed include management of fund development, ethics and governance issues, environment and institutional readiness, annual giving programs, major gifts, audiences and environments, and support ingredients for successful funding raising. Three hours of lecture.

HSA 763: Seminar in Planned Giving**3 cr.**

An exploration of aspects of planned giving. Major topics explored are types of planned giving, deferred gifts, a profile of planned givers, the motivations for planned giving, planners and their role, the giver and charitable institution connection, estate planning and planned giving, acknowledgments and recognition, the role of charitable boards, the role of chief executives, and the role of the planned giving professional. Three hours of lecture.

HSA 764: Seminar in Development**3 cr.**

An exploration of selected topics on fund raising which draws upon the research and theory of physiology, organizational behavior, and management. Topics to be explored include: why people give, organizational strategies to maximize giving, shaping roles for giving within an organization, strategic administration and leadership, responding to change and competition for funds, fund raising in organizations of various size, and future directions. Three hours of lecture.

HSA 780: Structure and Process in Human Services Administration**3 cr.**

The capstone of the human services administration program, this course examines organizational behavior, structure, processes, and change as influenced by the practice of management. Implications of organizational design are explored. Applications are made to nonprofit organizations. Three hours of lecture.

HSA 795: Independent Study**3 cr.**

Prerequisite: Consent of the department. This course may be repeated once for credit. The student is expected to do original research through readings or data collection with the outcome being a manuscript or project worthy of publication in a professional journal or presentation at a professional conference. The manuscript or project should evidence creativity, synthesis of positions and previously established thoughts, and implications for policy, application, or future theoretical development. Three hours of independent study.

HSA 799: Thesis**1-6 crs.**

One to six credits in research per semester. Final grade is on a pass/no credit basis.

HUMANITIES

HUM 198: Humanities Seminar**3 cr.**

Prerequisite: Consent of department. May be repeated for credit for a maximum of six term hours. An extramural program. Readings, conferences, and reports in areas of intellectual or artistic concern under the direction of a member of the Liberal Arts faculty. The subject matter will be interdisciplinary and broad in scope. Three hours of seminar.

HUM 490: Special Topics in Humanities**1-3 cr.**

Prerequisite: Junior standing or higher. Intensive study of a topic in the humanities, often interdisciplinary. May correlate with institutes or programs that require less than a full term's duration. May be repeated in one-hour units up to three term credit hours. One to three hours of lecture.

HUM 690: Special Topics in Humanities**1-3 cr.**

Prerequisite: Graduate Standing. Intensive study of a topic in the humanities, often interdisciplinary. May correlate with institutes or programs that require less than a full term's duration, but must include an in-depth research project emphasizing critical thinking. May be repeated in one-hour units up to three term credit hours. One to three hours of lecture.

INDIA STUDIES

INDS 101: Introduction to the Culture of India**3 cr.**

A broad and general introduction to the culture(s) of the Indian subcontinent, focusing on its geography, history, politics, economy, social structure, languages and the arts, and religion. Three hours of lecture.

INDS 211: Epics on Film**3 cr.**

This course examines two major Indian epics, *Ramayana* and *Mahabharata*, on film. Students will read prose translations of the two epics and watch video productions of both as a means to deepening their understanding of the embedded mythic structures in Indian social, economic, and political life. Three hours of lecture.

INDS 395: Independent Studies**3 cr.**

Prerequisite: Junior standing or consent of the department. May be repeated for credit for a maximum of six term hours. Special research projects under the guidance of a member of the India Studies faculty. Three hours of research.

INDS: 495 Independent Studies**3 cr.**

Prerequisite: Senior standing or consent of the department. May be repeated for credit for a maximum of six term hours. Special Research projects under the guidance of a member of the India Studies Faculty. Three hours of research

INFORMATION SYSTEMS/DECISION SCIENCES

ISDS 150: Business Computer Applications***3 cr.**

A hands-on introduction to business-related application software, including word processing, spreadsheet, presentation, database management. Three hours of lecture and lab.

ISDS 250: Data Management and Software Application**3 cr.**

Prerequisite: ISDS 150. A hands-on course focused on database management systems/software in organizations. Includes database control and protection; distributed databases; business-to-business use of the web; electronic data interchange; global information exchange; data warehousing and data mining. Three hours of lecture and lab.

ISDS 265: Business Statistics 3 cr.

Prerequisite: MATH 260. Advanced topics in statistics including analysis of variance, hypothesis testing, multiple regression, multinomial experiments and analysis of contingency tables and non-parametric statistics. Course will include use of statistical data analysis software and group projects. Three hours of lecture.

ISDS 290: Special Topics in Software Applications**3 cr.**

Prerequisite: ISDS 150. A hands-on course focused on in-depth coverage of a specific business-relevant software application used in organizations. Topics (as specified in the course schedule) may include web design, spreadsheet, database, desktop publishing, or accounting software. Course may be repeated if the software applications are different. Three hours of lecture and lab.

ISDS 350: Information Systems**3 cr.**

Prerequisites: ISDS 150. A course to give the student an understanding of information systems (IS) by analyzing (1) the field of IS as it relates to business end-users and (2) fundamental concepts used in the study of IS. Three hours of lecture.

ISDS 383: Decision Sciences and Operations Management**3 cr.**

Prerequisite: ISDS 265. A study of the application of managerial procedures to the production process. Special emphasis is given to facilities, personnel, and control of production. Includes application of the quantitative techniques of management science. Three hours of lecture.

ISDS 702: Quantitative Methods in Business**3 cr.**

Quantitative methods, management science, and statistics for business decision making, including statistical estimation and inferences, regression analysis, forecasting techniques, analysis of variance, linear programming, simulation, queuing, and network analysis. Three hours of lecture.

ISDS 705: Management Information Systems**3 cr.**

Study of contemporary topics in information systems, to include: a survey of information system analysis and design; informatics; e-commerce; business data communication; database management systems and knowledge based systems; enterprise-wide systems; and information systems control. Three hours of lecture.

INTERNATIONAL STUDIES

INTL 250: Introduction to International Studies**3 cr.**

A survey course designed to develop a global perspective of events and topics. Areas of study include art, religion, politics, geography, business, economics, education, technology, literature, and communication. Three hours of lecture.

INTL 490: Seminar in Comparative Cultures**3 cr.**

Prerequisite: INTL 250 or consent of the instructor. May be repeated for three additional credits when a different trading bloc is studied. A study of cultures that compose a specific regional trading bloc, such as the European Union, NAFTA, the Association of Southeast Asian Nations, and the Economic Community of West African States. Topics include the history, structure, and activities of the specific regional trading bloc, and the cultures of each member nation. Three hours of lecture.

KINESIOLOGY AND HEALTH SCIENCE

Professional Courses**KHS 201: Medical Terminology****3 cr.**

The study of basic morphological structures including prefixes, suffixes and roots, meaning, and pronunciation of medical terminology. Appropriate for health science and pre-medical career preparation programs. Three hours of lecture.

KHS 203: Techniques of Individual Sports I**4 cr.**

Prerequisites: HPE 101, 104, 107 or 116. Designed primarily for the physical education major. Attention is given to the techniques of teaching archery, bowling, golf, tennis, badminton, pickleball, and to the acquisition of skills. Four hours of lecture and two hour of lab.

KHS 205: Techniques of Team Sports II**4 cr.**

Prerequisite: HPE 160, 162, 161 or 163. A course designed primarily for physical education majors. Prepares students to teach techniques, tactics, and the acquisition of skills in soccer, flag football, softball, volleyball, basketball, and one non-traditional sport. Methods of evaluation also included. Four hours of lecture and two hours of lab.

KHS 207: Techniques of Physical Fitness**3 cr.**

Prerequisite: HPE 144. Covers fundamentals of physical conditioning and specific procedures for optimal development of aerobic power, flexibility, muscular strength, and muscular endurance. Applications designed for school-age children, normal adults, and special populations. Three hours of lecture and one hour of lab.

KHS 215: First Aid**1 cr.**

Study of and practice in the procedures to be employed in first-aid treatment of wounds, shock, poisoning, fractures, and unconsciousness. One hour of lecture and one hour of lab.

KHS 225: Foundations of Health, Physical Education, and Sport**3 cr.**

This course introduces students to the discipline and profession of health and physical education. Historical developments and philosophical views are presented; career roles and qualifications for entering the professional fields of health, physical education, sport, and fitness are also discussed. Three hours of lecture.

KHS 226: Introduction to Community Health**3 cr.**

This course introduces students to the discipline and profession of Community Health. The foundations of community and public health, health care, delivery, the current status of the nation's health and environmental health and safety are presented. Three hours of lecture.

KHS 235: Human Nutrition**3 cr.**

An introduction to human nutrition and its contribution to optimum health. Three hours of lecture.

KHS 281: Personal Health**3 cr.**

This is an action-oriented course that examines personal health issues of our time, especially the many health problems that are self-inflicted. The course is designed to counteract apathy, to dispel myths, and to provide accurate information on which to make decisions affecting individual and social health. Three hours of lecture.

Students planning a career in teacher education must be admitted into TEPAR before enrolling in any of the following KHS courses (300- or Methods courses):

KHS 305: Organization and Administration of Physical Education, Recreation, and Sport**3 cr.**

Attention is given to the principles related to organizing and administering health, physical, and recreation education programs. Three hours of lecture.

KHS 308: Health and Fitness Management**3 cr.**

A review of basic standards and guidelines required of health/fitness industry managerial staff to improve operations. Topics covered include safety, signage organizational structure and staffing, emergency procedures and program area guidelines for fitness testing, internal and external venues and supervision. Three hours of lecture.

KHS 309: Fundamentals of Coordinated School Health**1 cr.**

This course is an examination of the structure and dynamics of the school system as well as of the cooperation and coordination involved in school health programs. The course analyzes current local, state and national regulations and legislation that influence the delivery of school health programming. A basic examination of the factors affecting the successful implementation of Coordinated School Health Program (CHSPs) are identified. One hour of lecture.

- KHS 310: Community and Environmental Health** 3 cr.
Study of community and environmental health problems and methods of preventing and alleviating them. Three hours of lecture.
- KHS 311: Consumer Health** 2 cr.
A study and application of science-based facts and guidelines to enable consumers to select health products and services intelligently. Topics include media literacy, marketplace activities, healthcare approaches, major health problems, and consumer protection services. Two hours of lecture.
- KHS 312: Health Aspects of Aging** 3 cr.
Examination of aging and the aging process as affected by various elements of lifestyles as well as health-related conditions and activities. Integrates theory and practice in a variety of classroom activities and interactions with the elderly. Three hours of lecture.
- KHS 313: Exercise and Gerontology** 3 cr.
Examination of interactions between aging and physical activity. Aimed at an appreciation of the impact of habitual physical activity preceding old age. Approaches for maintenance of physical fitness across age and for reconditioning of the deconditioned elderly. Three hours of lecture.
- KHS 315: Drug and Sexuality Education** 3 cr.
Prerequisite: KHS 281 An Introduction to educational programs concerning sexuality education and to the physiological and psychological effects of drugs, both legal and illegal. Also covers the societal, historical, and legal aspects of sexuality education and of drugs, including alcohol and tobacco. Three hours of lecture.
- KHS 320: Materials and Methods in Secondary Reading** 3 cr.
Prerequisites: Admittance to TEPAR and PSYC 206. Materials and methods used in teaching developmental and content area reading in the secondary school. Three hours of lecture.
- KHS 323: Tests and Measurements in Physical Education** 3 cr.
The practice of measurement, statistical treatment and development of skilled evaluation processes in the physical education profession are discussed. Three hours of lecture.
- KHS 325: Biomechanics of Motor Development** 3 cr.
This course applies the laws of mechanics to motor skills. Developmental aspects are emphasized and attention is given to exceptionalities. Elite performers, i.e., professional and exceptional amateur athletes, serve as the model by which developmental stages are discussed. Two hours of lecture and two hours of lab.
- KHS 326: Anatomical Kinesiology** 3 cr.
Prerequisite: BIOS 282. This is an applied course which will place emphasis on integrating gross anatomy elements of osteology and myology with human movement. Two hours of lecture and two hours of lab.
- KHS 327: Intermediate Resistance Training** 3 cr.
Covers the fundamentals of resistance training exercises including free weights, weight training machines and alternative methods and their applications to a variety of settings.
- KHS 329: Environment and Exercise** 3 cr.
The course is designed to give the students an understanding of the effects of selected environment-induced stresses on exercising individuals as well as of the adaptations that accrue from chronic exposures to heat, cold, and high altitude. Three hours of lecture, applies case studies, and field trips.
- KHS 330: Materials and Methods in Health Education for the Elementary School** 3 cr.
Prerequisite: Admittance into TEPAR, ED 201, PSYC 206 and 207. For the elementary school classroom teacher. Information and techniques for teaching health to elementary school children. Three hours of lecture.
- KHS 331: Curriculum Development and Methods of Teaching Physical Education K-8** 3 cr.
Prerequisite: Admittance into TEPAR, ED 201 or KHS 225 and PSYC 206 and PSYC 207. Designed primarily for elementary education and physical education majors. Attention is given to curriculum development and techniques for teaching physical education to elementary students. Three hours of lecture.
- KHS 332: Curriculum Development and Methods of Teaching Physical Education K-12** 3 cr.
Prerequisite: Admittance into TEPAR, KHS 225, PSYC 206, and either PSYC 207 or 208. For the health and physical education major. Theory and techniques of curriculum design, games, team sports, and organization and administration of the instructional program in physical education for grades K - 12. Three hours of lecture.
- KHS 333: Curriculum Development and Methods of Teaching Health K-12** 3 cr.
Prerequisite: Admittance into TEPAR, KHS 225, PSYC 206, and either PSYC 207 or 208. For the health and physical education major. Information and techniques for teaching health in grades K - 12. Three hours of lecture.
- KHS 334: Theories and Methods of Community Health** 3 cr.
Prerequisite: Completion of 9 credit hours from the 16 required credit hours in health content core. A study of theories and processes in building and organizing community efforts to alleviate and prevent major health problems. Three hours of lecture.
- KHS 335: Theories and Methods of Community Health II** 3 cr.
Prerequisite: KHS 334. This course examines the theories and skills necessary for effective community health educators. This course addresses policy development, advocacy, coalition building, grant writing and fund raising, and community health assessment. Three hours of lecture.
- KHS 338: Worksite Health Promotion** 3 cr.
Prerequisite: KHS 334. In-depth review of health promotion practices in worksite and health-care settings. Specific administrative guidelines and strategies for each setting are explored. Service-learning component is required. Three hours of lecture and two hours of lab.
- KHS 340: Motor Learning** 3 cr.
Prerequisite: BIOS 282, BIOS 280, PSYC 206, PSYC 207, or PSYC 208. A study of the techniques and processes of motor learning and their importance in the development of the individual. Three hours of lecture.

- KHS 360: Cultural and Sociological Aspects of Sport** **3 cr.**
Prerequisite: junior or senior level standing. This course examines cultural and sociological aspects of sports as portrayed in cinema and includes topics such as race and ethnicity, gender, social class, aggression and violence, corruption, deviance and media representation. Three hours of lecture.
- KHS 390: Psychology of Sport and Exercise** **3 cr.**
The study of people and their behavior in exercise and sport contexts. Guidelines to help children and adults benefit from exercise and sport are reviewed. Emphasis is placed on the topics of: motivation, concentration, arousal/stress, group dynamics, exercise adherence, models of exercise behaviors and aggression. Three hours of lecture.
- KHS 405: Epidemiology** **3 cr.**
A study of epidemics, epidemic diseases, and the principles and methods of epidemiology. Three hours of lecture.
- KHS 410: Program Planning and Evaluation** **3 cr.**
A comprehensive study and application of the processes health education specialist utilize in the design, implementation and evaluation of programs. Supervised project in the professional community. Three hours of lecture.
- KHS 414: Classroom Management in Secondary Schools** **3 cr.**
Prerequisites: Acceptance into TEPAR. A study of classroom management techniques and research related to effective management of classroom learning environments, student behaviors, tasks related to teaching and classroom resources in the secondary school. Three hours of lecture.
- KHS 420: Health Program Administration** **3 cr.**
Prerequisite: KHS 309, 333, and credit or registration in KHS 422. The course explores the application and experiences of the processes for comprehensive school health, including school-based health promotion project consisting of program planning, evaluation, and cost-effectiveness analysis during student teaching. One hour of lecture and two hours of clinical experience.
- KHS 422: Student Teaching** **6 - 12 cr.**
Prerequisites: See "Student Teaching" in this catalog. Supervised experiences in planning, directing, and evaluating learning experiences in Health and Physical Education at both the elementary and secondary education levels. Grading is pass/no credit.
- KHS 425: Physiology of Exercise** **4 cr.**
A presentation of biological concepts necessary for student understanding of the mechanisms of exercise and physical training. Three hours of lecture and three hours of lab.
- KHS 430: Introduction to Adaptive Physical Education** **3 cr.**
A fundamental course in adaptive physical education programs for special children. Three hours of lecture.
- KHS 440: Prevention and Treatment of Athletic Injuries** **3 cr.**
Designed to aid the coach, athletic trainer, physical education teacher, and clinical exercise physiologist in the prevention and treatment of athletic related injuries. Two hours of lecture and one hour of lab.
- KHS 450: Ergogenic Aids** **3 cr.**
This course covers methods other than training that enhance athletic performance. These include physiological, psychological, biomechanical, nutritional, and pharmacological approaches. Three hours of lecture.
- KHS 455: Women and Sport** **3 cr.**
A broad-based survey of topics relevant to girls' and women's participation in sport. Topics include: gender issues; major historical female figures in women's sport; government and policy, including the struggle for Title IX; media representation of women's sports; Olympics and women's sports; physiological and psychological perspectives; and future of women's sports. Three hours of Lecture. Also listed as WMST 455.
- KHS 460: Clinical Exercise Physiology** **3 cr.**
Prerequisites: KHS 425. This course practically applies adulate exercise physiology theory. Includes exercise testing, evaluation, prescription, and supervision in clinical settings. Two hours of lecture and three hours of lab.
- KHS 462: Practicum** **3 - 6 cr.**
Prerequisites: KHS 460 or departmental approval and appropriate professional liability insurance. A planned field experience, giving students on-site experience related to their degree program. The student works primarily under the direction of an on-site supervisor, with periodic reports to the university supervisor. Variable lab hours.
- KHS 490: Special Topics in Health and Physical Education** **3 cr.**
May be repeated for credit for a maximum of six term hours. Topics chosen from modern developments in Health and Physical Education that have particular value in professional preparation. Three hours of lecture.
- KHS 491: Exercise Science and Wellness Seminar** **1 cr.**
Prerequisite: Senior standing and thirty-six hours in HPE. An in-depth study of an assigned topic in Exercise Science and Wellness. One hour of recitation-discussion. Grading will be on a pass/no credit basis.
- KHS 495: Research** **3 cr.**
Planning and carrying out a research project under guidance of a member of the departmental faculty. Data collection and analysis will be followed by development of a formal paper. Three hours of research.
- KHS 496: Sports Performance Training** **1 cr.**
Teaches the student the techniques of weightlifting, plyometrics, and other explosives training methods as a means of improving athletic performance or functional fitness. Scientific principles will be the basis for developing training programs. One hour of lecture and one hour of lab.
- KHS 610: Program Planning and Evaluation** **3 cr.**
A comprehensive study and application of the processes health education specialists use in the design, implementation and evaluation of programs. Supervised project in the professional community. May not be taken if credit for KHS 410 has been earned. Three hours of lecture.
- KHS 623: Tests and Measurements in Physical Education** **3 cr.**
The practice of measurement, statistical treatment and development of skilled evaluation processes in the physical education profession are discussed. Three hours of lecture.

- KHS 625: Physiology of Exercise** 4 cr.
A presentation of biological concepts necessary for student understanding of the mechanisms of exercise and physical training. Three hours of lecture.
- KHS 630: Introduction to Adaptive Physical Education** 3 cr.
A fundamental course in adaptive physical education programs for special children. Three hours of lecture.
- KHS 635: Human Nutrition** 3 cr.
An introduction in human nutrition and its contribution to optimum health. Three hours of lecture.
- KHS 640: Prevention and Treatment of Athletic Injuries** 3 cr.
Designed to aid the coach, athletic trainer, physical education teacher, and clinical exercise physiologist in the prevention and treatment of athletic-related injuries. Two hours of lecture and three hours of lab.
- KHS 655: Women and Sport** 3 cr.
A broad-based survey of topics relevant to girls' and women's participation in sport. Topics include: gender issues; major historical female figures in women's sports; government and policy, including the struggle for Title IX; media representation of women's sports; Olympics and women's sports; physiological and psychological perspectives; and future of women's sports. Three hours of lecture. Also listed as KHS 655. May not be taken if credit for KHS 455 or WMST 655 has been earned.
- KHS 660: Clinical Exercise Physiology** 3 cr.
Prerequisites: KHS 325, 425, and 435. Practical application of theory of exercise physiology, aimed at adult populations. Includes exercise testing evaluation, prescription, and supervision in clinical settings. May not be taken if credit for KHS 460 has been earned. Two hours of lecture and three hours of lab.
- KHS 662: Practicum** 3 - 6 cr.
Prerequisites: KHS 460 or 660 and appropriate professional liability insurance. Practical experience in approved clinical setting. Experience in evaluation of cardiovascular condition and physical fitness, scientifically-based prescription of exercise and supervision of training of apparently normal, healthy individuals and others with various pathologies. Variable lab hours.
- KHS 690: Special Topics in Health and Physical Education** 3 cr.
May be repeated for credit for a maximum of six term hours. Topics chosen from modern developments in Health and Physical Education that have particular value in professional preparation. Three hours of lecture.
- KHS 696: Sports Performance Training** 1 cr.
Teaches the student the techniques of weightlifting, plyometrics, and other explosive training methods as a means of improving athletic performance or functional fitness. Scientific principles will be the basis for developing training programs. One of hour of lecture and lab.
- KHS 700: Seminar in KHS** 3 cr.
Prerequisite: Consent of the Department. Survey of current issues in the discipline of health, physical education, and sport. Critical analysis of current and classical professional journal articles in a seminar setting. Three hours of lecture.
- KHS 701: Research Methods** 3 cr.
Prerequisite: acceptance to the KHS Master's Degree program or consent of the Department. Research design and project quality control, related literature retrieval, research writing, and applied statistics. Three hours of lecture.
- KHS 706: Sport Nutrition** 3 cr.
The study of performance as affected by the result of the interaction of diet with sport training. The course will include a comprehensive overview of nutrition and metabolism. Three hours of lecture.
- KHS 722: Analysis of Movement in Sport and Exercise** 3 cr.
Prerequisite: KHS 325 or consent of the instructor. This course introduces the student to the quantification of human movement by the use of varied technology, emphasizing application to sports. Three hours of lecture.
- KHS 723: Theory and Methodology of Training** 3 cr.
This course will provide students with the knowledge necessary to design scientifically-based training programs to achieve specific goals. Emphasis on development of periodized training programs. Three hours of lecture.
- KHS 725: Applied Exercise Physiology** 3 cr.
Prerequisites: BIOS 280, KHS 425/625. The course is designed to give the student an advanced understanding of the regulatory mechanisms of human circulation during physical stress under neutral and extreme environmental conditions. Three hours of lecture.
- KHS 730: Independent Study** 3 cr.
Under faculty supervision, the student will apply the scientific method to problem solving. Research project dealing with a clearly defined aspect of exercise science, sport, physical education, or health. Proposal draft must be submitted to a member of the HPE Graduate Faculty prior to start of term. Three hours of independent study.
- KHS 732: Curriculum Approaches in Pedagogy for Adapted Physical Education** 3 cr.
Prerequisites: credit or registration for KHS 630. A systematic study of Instructional strategies and curriculum design focus on physical education for the individual with a disability in the least restrictive environment. Three hours of lecture.
- KHS 733: Chronic Disability and Physical Education** 3 cr.
Prerequisite: KHS 732. Adapted Physical Education Programming for Individuals with Chronic Disabilities: Methods, Materials, and Practicum. Emphasis on physical activity programming for individuals with disabilities. Three hours of lecture.
- KHS 734: Behavioral and Educational Challenges for Adapted Physical Education: Methods, Materials, and Practicum** 3 cr.
Prerequisites: KHS 732. A review of physical activity programming for individuals with behavior and educational impairments. Particular emphasis on physical activity for individuals with severe disabilities. Three hours of lecture.
- KHS 740: Motor Development & Learning** 3 cr.
A study of the techniques and processes of motor learning and their importance in the development of the individual. Three hours of lecture.
- KHS 741: Applied Sport Psychology** 3 cr.
A study of sport and exercise psychology concepts as they apply to teachers, coaches, and exercise specialists. Emphasis is placed on models of intervention and special issues. Three hours of lecture.

- KHS 742: Advanced Strength Training** **3 cr.**
This course will provide students with the skills necessary to teach advanced strength training exercises and to design scientifically-based strength training plans to achieve specific goals. Two hours of lecture and one hour of lab.
- KHS 750: Exercise in Gerontology** **3 cr.**
Review of research and study of aging aimed at providing students with an appreciation of the impact of a physically active life preceding old age, approaches for training geriatric populations, and the potential of such training for enhancing quality of life. Three hours of lecture.
- KHS 798: Master's Final Project** **3 cr.**
Prerequisites: KHS 701 and a total of 30 hours toward completion of the degree. This is a research project to be completed with supervision by a member of the KHS Graduate Faculty. The student will complete an acceptable manuscript under KHS Departmental Guidelines and will present the project in a public forum. Grading will be on a pass/no credit basis for three credit hours.
- KHS 799: Thesis** **3 – 6 cr.**
Prerequisite: Consent of the Department. This is one of two research options in the Kinesiology and Health Science Master of Science program and will terminate with presentation of the thesis in a public forum. Grading will be on a pass/no credit basis for either 3 or 6 hours per semester.

LEADERSHIP

- LDSH 201: Introduction to Leadership** **3 cr.**
An interdisciplinary course which approaches leadership from a variety of perspectives. Students explore their own leadership styles as well as those of organizations and individuals. Three hours of lecture.
- LDSH 202: Leadership Practice and Applications** **3 cr.**
Leadership books from today's top thinkers, writers, and practitioners will be read, presented, and discussed by course participants. Three hours of lecture.
- LDSH 301: Leadership Skills Development I** **3 cr.**
This course is designed to aid students in the development and application of leadership skills. Students perform an extensive examination and analysis of leadership literature and engage in specific leadership skills development activities, including mini-modules, role plays, and self-assessments. A comprehensive community service project intended to further develop and practice real-world leadership skills is a major component of the course. Three hours of lecture.
- LDSH 302: Leadership Skills Development II** **2 cr.**
Prerequisite: LDSH 301. A leadership skills development workshop series focused on practical applications of leadership skills, such as team building, avoiding burnout, creating an adaptive culture, and 7 myths of leadership. Each workshop is an interactive, experiential learning module developed by an established professional who effectively utilizes and demonstrates the skill(s). During LDSH 302, student will also develop relationships with potential leadership mentors from the community. Two hours of lecture.
- LDSH 401: LEAD-LSUS Mentorship** **3 cr.**
Prerequisite: LDSH 302. Students will conduct a leadership-based mentorship experience with an established community leader. The mentoring relationship is established during LDSH 302. Students will spend a minimum of 80 contact hours with their mentor. Three hours of credit.
- LDSH 402: Leadership Seminar** **1 cr.**
Prerequisite: LDSH 401. Students will participate in a leadership seminar course in which all LDSH 401 completers will present a retrospective presentation detailing the outcomes of their mentorship and leadership development. One hour of seminar.
- LDSH 405: Ethics, Values, and Leadership** **3 cr.**
A study of the moral responsibilities of leadership through case studies from a variety of contexts, cultures, and periods of history. Three hours lecture.

LIBERAL ARTS

- LA 790: Special Topics in Liberal Studies** **3 cr.**
An interdisciplinary seminar on a topic (or issue) of cultural, historical, social, or literary importance; attention given to interrelationships among the disciplines that bear upon that topic. Topics vary and may reach into areas beyond the usual ones in the humanities, such as science in its human and ethical aspects. Open to qualified graduate students; especially encouraged for students pursuing the Master of Arts in Liberal Arts. May be taken twice for up to six hours of credit. Three hours of seminar.
- LA 791: Greek and Roman Culture** **3 cr.**
An interdisciplinary course which examines Greek and Roman culture. Emphasis is on the interaction between culture and ideas. Three hours of seminar.
- LA 792: Late Classical and Medieval Culture** **3 cr.**
An interdisciplinary course which examines the interaction between culture and ideas of the period from early Christianity to the Renaissance. Three hours of seminar.
- LA 793: Culture of the Renaissance and Enlightenment** **3 cr.**
An interdisciplinary course which examines Western European culture from the Renaissance through the eighteenth century. Emphasis is on the interaction between culture and ideas. Three hours of seminar.
- LA 794: Nineteenth and Twentieth-Century Culture** **3 cr.**
An interdisciplinary course which examines the interaction between culture and ideas of the past two hundred years of Europe and America. Three hours of seminar.
- LA 799: Thesis/Final Project** **1-6 cr.**
Prerequisite: Completion of core courses. One to six credits in research or other study per term. Final grading is on a pass/no credit basis.

LIBRARY SCIENCE

- LIBS 412: Library Materials for Adolescents** 3 cr.
Survey of literature and media including utilization practices and selection, reading interests and guidance, curricular correlations, and developmental needs. Wide reading and use of materials for young adults from middle school through high school. Three hours of lecture.
- LIBS 415: Library Materials for Children** 3 cr.
Survey of literature and media including utilization practices and selection, reading interests and guidance, curricular correlations, and developmental needs. Wide reading and use of materials for children from preschool to middle school. Three hours of lecture.
- LIBS 417: Organization of Library Materials** 3 cr.
Descriptive cataloging and classification of library materials using the Dewey Decimal Classification system and Sears and Library of Congress subject headings. Organization and functions of library catalogs. Three hours of lecture.
- LIBS 418: School Library Administration** 3 cr.
The role of the school library including management principles and practices, school library standards, personnel and financial administration, collection development, physical plant and equipment, and program planning and development. Three hours of lecture.
- LIBS 427: Information Sources and Services** 3 cr.
Evaluation and utilization of principal types of reference and information sources. Basic principles and techniques of reference and information services. Practice in reference and search and synthesis. Three hours of lecture.
- LIBS 430: Library Practicum** 3 cr.
Prerequisite: At least six term hours of library science. Provision of actual experience in all phases of school library science. Grading is pass/no credit. Six hours of lab.
- LIBS 490: Special Topics in Library Science** 3 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Three hours of seminar.
- LIBS 612: Library Materials for Adolescents** 3 cr.
Survey of literature and media including utilization practices and selection, reading interests and guidance, curricular correlations, and developmental needs. Wide reading and use of materials for young adults from middle school through high school. Three hours of lecture.
- LIBS 615: Library Materials for Children** 3 cr.
This course focuses on identifying, assessing, and using books and other media, for the intellectual, emotional, and social development of children. Emphasis on the integration of library information resources into a school's instructional program. Three hours of lecture.
- LIBS 617: Organization of Library Materials** 3 cr.
Descriptive cataloging and classification of library materials using the Dewey Decimal Classification system and Sears and Library of Congress subject headings. Organization and functions of library catalogs. Three hours of lecture.
- LIBS 618: School Library Administration** 3 cr.
Organization and administration of elementary and secondary school libraries, including standards, evaluation, facilities, equipment, support, student assistants, and relationships to instructional and guidance programs of schools. Three hours of lecture.
- LIBS 627: Information Sources and Services** 3 cr.
Evaluation and utilization of principal types of reference and information sources. Basic principles and techniques of reference and information services. Practice in reference and search and synthesis. Three hours of lecture.
- LIBS 630: Library Practicum** 3 cr.
Prerequisite: At least six term hours of library science. Experience in a school library/media center, under the supervision of a cooperating teacher librarian working collaboratively with teachers, teaching information literacy skills, providing services to students and teachers, and managing resources. Seminars, individual coaching sessions, and other requirements focus on best practices, case studies and analysis. Grading is pass/no credit. Six hours of lab.
- LIBS 690: Special Topics in Library Science** 3 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Three hours of seminar.

MANAGEMENT AND ADMINISTRATION

- MADM 105: Introduction to Business** 3 cr.
A course designed to present an overview of the operation of the business firm, the role of the manager in business, and the nature of the economic system in which private enterprise must operate. Three hours of lecture.
- MADM 205: Small Business Management** 3 cr.
Study of the principles, procedures, and methods for managing a small business. Special attention given to assessing business opportunities, planning for a small business, and managing other factors involved in the success of the small company. Three hours of lecture.
- MADM 210: Business Communication** 3 cr.
Prerequisite: ENGL 115. Theory and practice of effective business communications. Strategies for the application of written and oral communication skills. Standard practices and useful procedures to handle business documents, including memos, letters, and proposals. Conceptual and functional perspectives of interpersonal relationships in business settings. Simulation of self-managed teams to elicit critical interpersonal skills. Emphasis on listening, critical thinking, nonverbal communication, small-group communication, and conflict resolution. Three hours of lecture.
- MADM 301: Principles of Management** 3 cr.
Prerequisite: Junior standing. Study of basic managerial functions in organizations such as planning, organizing, leading, and controlling, including individual and group behavior, motivation, leadership, strategy, group dynamics, as well as ethics and the global economy. Three hours of lecture. Management majors must earn a "C" or better.

- MADM 305: Principles of Land and Energy Management** 3 cr.
An overview of the terminology and basics of land management practices and applications. The course introduces the various forms of oil and gas interests. Technical and economic considerations in the search for and development of oil and gas resources will be addressed. Three hours of lecture.
- MADM 320: Human Resource Management** 3 cr.
Prerequisite: MADM 301. A study of the Human Resource Management (HRM) objective of attracting, maintaining, and motivating a productive and satisfied employee group. Emphasis on proficiency in applying principles and technical tools to such HR areas as employee services. Three hours of lecture.
- MADM 321: Organizational Behavior** 3 cr.
Prerequisite: MADM 301. An in-depth study of the social and psychological factors affecting human behavior and performance in organizations, with emphasis on individual and small group processes. More specifically, the course examines behavioral science knowledge relating to such topics as perception and personality, attitudes and job satisfaction, motivation and enhancing employee performance, leadership, and group dynamics. A range of organizational-level topics such as organizational structure and culture relevant to human behavior and performance will also be examined. Three hours of lecture.
- MADM 340: Negotiations** 3 cr.
Analysis of the theory and processes of negotiations as practiced in a variety of business settings, including mineral rights negotiations. Three hours of lecture. Also listed as MKT 340.
- MADM 360: Introduction to International Business** 3 cr.
Prerequisite: ECON 201. A survey of current events and global forces that impact cross-border business transactions, including culture, government, and economics, and their managerial implications. Three hours of lecture.
- MADM 410: Entrepreneurship and New Venture Development** 3 cr.
Prerequisite: MADM 301. The focus of this course is on the study of the basic stages of the business start-up process: idea discovery, plan formulation, implementation of start-up, and downstream development. Cases will be extensively used to explore the critical stages of entrepreneurial development. In addition, the entrepreneurship concept will be explored as it relates to large businesses. Three hours of lecture.
- MADM 415: Labor Law** 3 cr.
Prerequisite: BLAW 280. This course examines the developing body of modern employment law. Topics include the at-will doctrine, wrongful discharge, just cause, tort and breach of contract claims, invasion of privacy, ERISA, COBRA, OSHA, workers compensation, sexual harassment, state and federal employment discrimination laws, and other forms of protective legislation such as FMLA and FLSA. Three hours of lecture. Also listed as BLAW 415.
- MADM 423: International Human Resource Management** 3 cr.
Prerequisite: MADM 301. This course provides an overview of international human resource management topics, such as global workforce planning, recruitment, selection, and training for international operations, international compensation and benefits management, expatriate assignment management including repatriation issues, international labor relations, and global strategic human resource management. Three hours of lecture.
- MADM 425: Compensation Administration** 3 cr.
Prerequisites: MATH 260 and MADM 320. The study of compensation administration in public and private organizations; administration of total compensation systems with emphasis on determinants of general wage and salary levels and structures, examination of wage surveys, incentive systems, profit sharing, wage criteria, and job evaluation. Three hours of lecture.
- MADM 427: Staffing Organizations** 3 cr.
Prerequisites: MATH 260 and MADM 320. Study of the employment function of the human resource management process including recruitment, selection, and placement of employees in an organization. Emphasis is on various selection methods, the validation of selection tests, and relevant laws affecting the matching of people to jobs. Three hours of lecture.
- MADM 428: Performance Improvement** 3 cr.
Prerequisite: MADM 320. This course presents the Human Performance Improvement Model and its use in today's workplaces. Through the use of various analyses, students learn to identify key performance gaps and causes of performance gaps, and to select appropriate methods of intervention identification, intervention implementation, and intervention evaluations. Three hours of lecture.
- MADM 429: Training and Development** 3 cr.
Prerequisites: MATH 260 and MADM 320. An in-depth focus on training and development as a key function of the human resource management system in organizations. Topics include training needs assessment, effective training design, training technologies, and training program evaluation. Three hours of lecture.
- MADM 430: International Business Communication** 3 cr.
A study of written, oral, and nonverbal communication in the international business environment, with emphasis on the aspects of culture that most affect business communication. Business practices in countries that are significant U.S. trading partners are examined, and the communication strategies needed for conducting business in those countries are studied. Three hours of lecture.
- MADM 431: Leadership** 3 cr.
Prerequisite: MADM 301. An in-depth study of leadership theory and practice with special emphasis on development of leadership skills. The course examines current thinking on leadership in organizations, discusses practical leadership issues such as teambuilding, communications, and conflict management, and provides an opportunity for the development and application of leadership skills. Three hours of Lecture.
- MADM 470: Creating a Professional Image** 3 cr.
Prerequisite: MADM 301. A practical course that will help students learn how to present themselves as polished professionals in a variety of workplace and social business situations.
- MADM 475: Internship in Management** 3-6 cr.
Prerequisites: Successful completion of 60 credit hours toward the student's degree, and either a 2.75 cumulative GPA or a 3.00 for the last 24 credit hours, and approval of the business internship director. The director works with the student to find a pre-professional internship experience that matches the student's major. The student will not receive credit for an existing job. The student is required to write reports that detail the objectives, progress, and achievement of the internship goals. Three hours of credit on a pass/no credit

basis. May be repeated for a maximum of six hours. Only three hours may be applied to the major. The student must complete at least 120 hours of work.

MADM 480: Administrative Policy 3 cr.

Prerequisites: ACCT 206, FIN 301, ISDS 265, MADM 301 and MKT 301. Course must be taken in the last semester. A grade of "C" or better is required in this course to graduate. Special problems involved in the formulation of consistent business policies and maintenance of an efficient organization. Actual cases used as a basis for discussions and preparation of reports which call for executive decision-making. Three hours of lecture.

MADM 490: Seminar in Management 3 cr.

Prerequisite: Junior standing, MADM 301, and consent of the department. May be repeated for a maximum of six term hours. Selected topics will vary from term to term. Three hours of seminar.

MADM 491: Seminar in Healthcare Management 3 cr.

Prerequisite: MADM 301 or consent of the department. Students are introduced to the management of organizations that deliver health services. In addition, the major features of the health services industry and the role of the healthcare manager in that industry will be explored. Three hours lecture and discussion.

MADM 495: Independent Studies in Management 3 cr.

Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the management faculty. Three hours of research.

MADM 701: Organizational Behavior 3 cr.

Prerequisite: MADM 301. Developing skills to lead and manage change in organizations through an understanding of organizational process, individual motivation, and group behavior. Emphasizes the application of organizational behavior concepts to solve managerial problems in an integrative and ethical manner. Methods of study include readings, cases, exercises and self-assessments, research and seminar discussions. Three hours of lecture.

MADM 710: Strategic Management of Human Capital 3 cr.

Prerequisite: MADM 701 or equivalent. This course exposes students to the intersection of human resource management (HRM) and business strategy - the strategic management of human capital. The goal is to introduce students to core HR competency areas that are needed to be successful as a manager. The course explores topics of current importance in the context of strategic human resource management, such as strategic HR planning, recruiting and selection, EEO laws/ethics, compensation, and performance management. Three hours of lecture.

MADM 720: Managerial Communication 3 cr.

Prerequisite: MADM 301. The study of communication strategies used by effective managers. Techniques of written, oral and non-verbal communication are applied to business situations that require management skill in motivation and leadership. Three hours of lecture.

MADM 730: Introduction to Healthcare Systems 3 cr.

Introduces the various components of the United States healthcare industry, with significant attention being placed on the various entities operating within the industry, the labor requirements of healthcare organizations, the application of technology within the industry, the role of third-party payer systems, and the role of regulatory agencies. Three hours of lecture.

MADM 760: Organizational Strategy and Policies 3 cr.

Prerequisites: ACCT 701, ECON 705, FIN 701, and MADM 701. In addition, MADM 720 and MKT 701 must be taken prior to or concurrent with enrollment in the course. An integrating course with emphasis on formulating and implementing basic strategy and policy decisions. An analytic approach to strategic decisions pursued through lectures, readings, and participation in a competitive, integrative case analysis. Three hours of lecture.

MARKETING

MKT 301: Principles of Marketing 3 cr.

Prerequisite: Junior standing. A conceptual overview of the exchange activities and processes involved in providing goods and services for the creation of stakeholder value. Emphasis is given to the efficient and effective use of controllable marketing variables and their interdependence with internal/external factors. The role of marketing in the firm and society is examined along with the current domestic and international market environments. Three hours of lecture. Marketing majors must earn a "C" or better.

MKT 305: Small Business Advertising 3 cr.

Prerequisite: MKT 301. This course emphasizes creative small business advertising concepts and hands-on, or tactical, advertising knowledge and experience via desktop publishing. Topics explored include: ad planning, copy platforms, layout, design, and copywriting in the context of yellow page advertising, newspaper advertising, outdoor advertising, direct mail, radio advertising and TV advertising. InDesign software is taught in the course. Three hours of Lecture.

MKT 310: Consumer Analysis and Behavior 3 cr.

Prerequisite: MKT 301. A study of the nature and dynamics of consumer markets and the significance of these markets to marketing executives. Emphasis is placed on the concepts and constructs employed to identify and measure market segments and to analyze behavioral patterns as a basis for marketing strategy. Three hours of lecture.

MKT 312: Integrated Marketing Communications Strategy 3 cr.

Prerequisite: MKT 301. The nature, scope, and contributions of personal selling, advertising, sales promotions, sponsorship marketing, viral marketing, point-of-sale communications, and brand-related publicity in the IMC strategy. Emphasizes principles and concepts that relate to the integration and organization of the IMC effort. Three hours of lecture.

MKT 330: Sales 3 cr.

A study of the concepts and techniques utilized in the personal selling process. Emphasis is placed on the design of effective sales presentations and on the role playing of various personal sales situations. Three hours of lecture and sales presentations.

MKT 340: Negotiations 3 cr.

Analysis of the theory and processes of negotiations as practiced in a variety of business settings, including mineral rights negotiations. Three hours of lecture. Also listed as MADM 340.

- MKT 401: Marketing Management** **3 cr.**
 Prerequisite: MKT 301. An intensive analysis of the marketing process with an emphasis on decision-making. Analytical tools and concepts are applied to determine areas such as level, mix, and strategic use of marketing efforts. Specific tasks such as market segmentation, product and pricing policies, channel management, promotional design, and consumer behavior are investigated and integrated in the development of a firm's total marketing program. Three hours of lecture.
- MKT 425: Hospitality Marketing** **3 cr.**
 Prerequisite: MKT 301. The application of modern marketing theory and techniques to the hospitality industry. Emphasis will be placed on services marketing, and topics include an analysis of hospitality customer needs, marketing planning, segmentation, positioning, and promotion. Three hours of lecture.
- MKT 430: Retail Management** **3 cr.**
 Prerequisite: MKT 301. Policies, practices, principles, and methods of efficiently operated retail stores. Areas covered include store location, layout, organization, merchandising, planning, pricing, buying, personnel management, credit, stock control, sales promotion, the retailing mix, assortment planning, and store operation. Emphasis is given to the contingency theory of management. Three hours of lecture.
- MKT 440: International Marketing** **3 cr.**
 Prerequisite: MKT 301 or consent of the department. An introduction to the three major marketing environments-domestic, foreign, and international. Opportunities are presented for students to apply basic marketing knowledge and skills to an international environment, and to learn basic international marketing terminology, tools and concepts. Three hours of lecture.
- MKT 445: Marketing Research** **3 cr.**
 Prerequisites: ISDS 265, MKT 301. An applied study of the roles and methods of marketing research in organizational problem solving. Emphasis is on the application of research concepts and methodologies as they contribute to designing research projects, developing measurement instruments, collecting and analyzing data, and reporting accurate findings to support effective marketing decision making. Three hours of lecture.
- MKT 475: Internship in Marketing** **3-6 cr.**
 Prerequisites: Successful completion of 60 credit hours toward the student's degree, and either a 2.75 cumulative GPA or a 3.00 for the last 24 credit hours, and approval of the business internship director. The director works with the student to find a pre-professional internship experience that matches the student's major. The student will not receive credit for an existing job. The student is required to write reports that detail the objectives, progress, and achievement of the internship goals. Three hours of credit on a pass/no credit basis. May be repeated for a maximum of six hours. Only three hours may be applied to the major. The student must complete at least 120 hours of work.
- MKT 490: Seminar in Marketing** **3 cr.**
 Prerequisites: Junior standing, MKT 301, and consent of the department. May be repeated for a maximum of six term hours. Selected topics will vary from term to term. Three hours of seminar.
- MKT 495: Independent Studies in Marketing** **3 cr.**
 Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the marketing faculty. Three hours of research.
- MKT 701: Marketing Strategy** **3 cr.**
 Prerequisite: MKT 301. The role of marketing in business and society. Analyses of marketing management concepts and methods are developed through reports, discussion, and case study. Three hours of lecture.

MASS COMMUNICATIONS

- MCOM 115: Introduction to Mass Communications** **3 cr.**
 A study of the history, theories, processes, problems, regulation and effects of the mass media. Three hours of lecture.
- MCOM 151: News Writing** **3 cr.**
 Prerequisite: ENGL 105. A foundation course in news writing. Attention is given to elements of news, style, writing leads, spelling, and story structure. Proficiency in word processing is required. Three hours of lecture and in-class writing.
- MCOM 201: Advanced News Writing** **3 cr.**
 Prerequisite: MCOM 151. In addition to continued emphasis on good writing, the course familiarizes students with the various techniques, problems, and ethics of news gathering. Three hours of lecture.
- MCOM 210: Introduction to Public Relations** **3 cr.**
 Acquaints the student with the art and science of external and internal public relations in business, education, and government. Discussion of principles and practice of effective techniques in publicity, public affairs, promotion, persuasion, public opinion, and employee relations. Three hours of lecture.
- MCOM 253: Photojournalism** **3 cr.**
 An introductory photography course designed specifically for the needs of public relations and journalism majors. Three hours of lecture plus two hours of lab.
- MCOM 266: Sports Journalism** **3 cr.**
 A course emphasizing reporting techniques for both professional and non-professional sports. Students will have the opportunity to cover local games as well as to write background stories such as personality features and informational articles. Three hours of lecture.
- MCOM 270: Journalism Practicum** **1 cr.**
 Prerequisite: MCOM 151 or consent of the department. The application of principles and techniques of journalism through work accomplished for the campus newspaper. May be repeated for a maximum of four hours credit. Credit earned on a pass/no credit basis. Three hours of lab.
- MCOM 271: EMJ Practicum** **1 cr.**
 Prerequisite: MCOM 285 or consent of the department. The application of principles and techniques of electronic media journalism through work accomplished in the electronic media laboratory. May be repeated for a maximum of four hour of credit.

- MCOM 275: History of Broadcasting** 3 cr.
The history of the broadcasting industry, its present structure, the relationship of the industry to government and society, and the growth of educational broadcasting. Three hours of lecture.
- MCOM 280: Desktop Publishing** 3 cr.
A course emphasizing document design and creation with computer software. Students will become familiar with techniques for production of pamphlets, brochures, newsletters, magazines, and newspapers. Three hours of lecture and two hours of lab.
- MCOM 285: Writing for Broadcast Media** 3 cr.
Development of skills and practice in the art of writing for broadcast media. Three hours of lecture.
- MCOM 290: Topics in Mass Communications** 3 cr.
Selected topics in mass communications will be taught. Topics will vary from term to term. May be repeated for a maximum of six term hours. Three hours of lecture.
- MCOM 295: Communication Theories** 3 cr.
Students will be introduced to a range of major theories that define the breadth of the communication field. Theories will include intrapersonal, interpersonal, small group, organizational, public, and mass communications at the introductory level. Applications and presentations using media are required. Three hours of lecture. Also listed as COMM 295.
- MCOM 305: Writing for Public Relations** 3 cr.
Prerequisite: MCOM 210. A course to prepare students for the writing challenges they will face in practicing public relations. Emphasis is placed on developing news judgment, appreciating the client's perspective, producing error-free copy and cultivating professional relationships with those in the news media. Will involve weekly writing focused on styles of press releases, documents needed for event preparation and publications expected by clients. Three hours of lecture.
- MCOM 313: Feature Writing** 3 cr.
Prerequisite: MCOM 151 or ENGL 115. Instruction and practice in the skills and techniques of writing features for newspapers and magazines. Attention is given to preparing inquiry letters, manuscripts, and personalized articles for various mass markets. Three hours of lecture.
- MCOM 317: Newspaper Editing** 3 cr.
Prerequisite: MCOM 151. Intensive practice in copy reading, headline writing, and makeup. Practice in improving words and phrases, with an introduction to computer editing. A study of the purpose and structure of headlines and headline counting is included, along with problems in makeup. One hour of lecture and three hours of lab.
- MCOM 320: Communication Research** 3 cr.
A course designed to provide the student with the necessary skills and information to conduct basic research approaches that are widely utilized in the communications industry, and to understand the research reports which are provided to communications professionals. The student will learn basic statistics and research designs for laboratory, field, survey, content analysis, and historical approaches. Three hours of lecture. Also listed as COMM 320.
- MCOM 343: Opinion Writing** 3 cr.
Prerequisite: MCOM 151 or ENGL 115. A writing course for junior and senior students designed to develop skill in writing editorials and personal opinion pieces for newspapers and other periodicals. Students will critically evaluate examples of published opinion writing. Three hours of lecture.
- MCOM 344: Public Affairs Reporting** 3 cr.
Prerequisite: MCOM 115 and MCOM 151. A course in reporting news that occurs in public forums such as city councils, courts, parish commissions and school boards. In addition, students will consider other community institutions and learn how to report hard-to-get news from or about these institutions. Three hours of lecture.
- MCOM 370: Understanding Mass Media Advertising** 3 cr.
Prerequisite: MCOM 115 or consent of the department. This is a course designed to provide the student with the theoretical background necessary to understand the proper employment of the media in an advertising campaign. Three hours of lecture.
- MCOM 375: Broadcast Production** 3 cr.
This course is designed to develop production skills needed in television broadcasting. Students will learn how to record and edit footage for various media applications including news, advertising, and the arts. Two hours of lecture and one hour of lab.
- MCOM 376: Advanced Broadcasting** 3 cr.
Prerequisite: MCOM 285 or consent of the department. Lectures and exercises will help the student develop specific performance skills needed for broadcasting. Two hours of lecture and one hour of lab.
- MCOM 381: Digital Media Editing** 3 cr.
Prerequisites: MCOM 151 and MCOM 280. Digital Media Editing will integrate writing, design and computer skills learned in previous Mass Communications classes. Students will learn to translate print stories into broadcast and Web site versions. Three hours of lecture and laboratory.
- MCOM 385: American Cinema** 3 cr.
An introductory course that examines Hollywood film as a system of representation and communication. Students should gain a working knowledge of film history and economics, an understanding of film as cultural artifact, and the ability to identify the characteristics of American film genres. Three hours of lecture. Also listed as FILM 385.
- MCOM 405: Propaganda and Mass Communication** 3 cr.
A study and application of principal communication variables and theories relative to the formulation and presentation of propagandistic communication and the response of individuals and groups to these messages. Three hours of lecture. Also listed as COMM 405.
- MCOM 411: Practical Applications in Public Relations** 3 cr.
Prerequisite: MCOM 210. This course considers the critical issues and problems confronting the public relations specialist, discusses alternative approaches to dealing with them, and includes the use of selected case studies. Three hours of lecture.
- MCOM 430: History of American Journalism** 3 cr.
A survey course of the development of American journalism from its beginnings to the present. Special emphasis will be placed on significant periods of expansion of the press and the rise of broadcast journalism. Three hours of lecture.

- MCOM 433: The Law of the Mass Media** **3 cr.**
Study of how the law controls and empowers the mass media: historical background, freedom, rights and ethical responsibilities of the press and broadcasters. Three hours of lecture.
- MCOM 446: PR for Nonprofits** **3 cr.**
The analysis, planning, researching, and evaluation of public relations strategies and tactics as applied to nonprofit organizations. Students are required to conduct a communications audit and to examine a nonprofit organization's public relations activity. Three hours of lecture
- MCOM 450: Ethical Values in the Mass Media** **3 cr.**
A seminar to examine the performance of the U.S. mass media in light of common ethical standards. Students will critically evaluate dozens of cases to discover which systems of values are being used and what ethical principles may support or contradict media performance. Three hours of lecture.
- MCOM 455: Advanced Media Editing** **3 cr.**
Prerequisite: MCOM 375. Students will record and edit news packages and newscasts for distribution to broadcast and online media outlets. Emphasis is placed on developing the students' skills in computer editing. Two hours of lecture and two hours of laboratory.
- MCOM 470: Creating Advertising in the Media** **3 cr.**
Prerequisite: MCOM 370 or consent of the department. This course is designed to provide the student with practical instruction and practice in the design, writing, and application of advertising copy intended for presentation in the mass media. Three hours of lecture.
- MCOM 475: Mass Media in Society** **3 cr.**
The development of the mass media, their present structures, their relationship to government and the rest of society, and the ethical problems faced by media practitioners. Three hours of lecture.
- MCOM 480: Publicity, Media, and Campaigns** **3 cr.**
Prerequisite: MCOM 411. This course is intended to serve as a capstone, synthesizing knowledge and skills gained in the communications curriculum. Emphasis will be placed on comprehensive communication campaign design from research through evaluation. Three hours of lecture.
- MCOM 481: Managing Public Relations** **3 cr.**
This course combines the most recent theories in the structuring and supervising of public relations departments in organizations with practical experiences in the management of routine, crisis, and special events. Three hours of lecture.
- MCOM 490: Seminar in Mass Communications** **3 cr.**
Selected topics in mass communications will be discussed and will vary from term to term. May be repeated for credit for a maximum of six term hours. Three hours of seminar.
- MCOM 495: Independent Studies in Mass Communications** **3 cr.**
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the Journalism or Public Relations faculty. Three hours of research.
- MCOM 498: Senior Seminar** **1 cr.**
Prerequisite: Senior Standing and consent of the department. Students majoring in Mass Communications will prepare a professional portfolio, schedule and participate in a media-assisted individual public presentation, develop a professional resume, and complete at least one (1) job interview. A copy of the portfolio will remain with the department for assessment purpose. One hour of seminar. Also listed as COMM 498.
- MCOM 499: Internship** **3 cr.**
Prerequisite: COMM/MCOM majors only, senior standing, completion of three (3) hours of MCOM 270/271. Offers the student practical experience with professional newspapers, radio and television stations, advertising agencies, public relations firms and/or other approved media outlets. Placements, contact hours, and academic work to be determined on a case-by-case basis. Contract required.
- MCOM 611: Practical Applications in Public Relations** **3 cr.**
Prerequisite: MCOM 210 or consent of the department. This course considers the critical issues and problems confronting the public relations specialists, discusses alternative approaches to dealing with them, and includes the use of selected case studies. Three hours of lecture.
- MCOM 630: History of American Journalism** **3 cr.**
A survey course of the development of American journalism from its beginnings to the present. Special emphasis will be placed on significant periods of expansion of the press and the rise of broadcast journalism. Three hours of lecture.
- MCOM 633: The Law of the Mass Media** **3 cr.**
Study of how the law controls and empowers the mass media: historical background, freedom, rights and ethical responsibilities of the press and broadcasters. Three hours of lecture.
- MCOM 670: Creating Advertising in the Media** **3 cr.**
Prerequisite: MCOM 370 or consent of the department. This course is designed to provide the student with practical instruction and practice in the design, writing, and application of advertising copy intended for presentation in the mass media. Three hours of lecture.
- MCOM 675: Mass Media in Society** **3 cr.**
The development of the mass media, their present structure, their relationship to government and society, and the ethical problems faced by media practitioners. Three hours of lecture.
- MCOM 680: Publicity, Media, and Campaigns** **3 cr.**
Prerequisite: MCOM 411 or consent of the department. This course focuses on the nature of publicity and the uses of the media in various campaigns including political, educational and organizational campaign strategies. Three hours of lecture.
- MCOM 681: Managing Public Relations** **3 cr.**
This course combines the most recent theories in the structuring and supervising of public relations departments in organizations with practical experiences in the management of routine, crisis, and special events. Three hours of lecture.
- MCOM 690: Seminar in Mass Communication** **3 cr.**
Prerequisites: Consent of the department. May be repeated for credit for a maximum of six term hours. Selected topics from the field of mass communications will vary from term to term. Three hours of seminar.

MCOM 695: Independent Studies in Mass Communication**3 cr.**

Prerequisites: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the mass communications faculty. Three hours of research.

MCOM 791: Special Topics in Mass Communication**3 cr.**

May be repeated for a maximum of six term hours credit. Special topics to be selected from the areas of broadcasting, public relations, and journalism. Topics will vary from term to term. Three hours of seminar.

MATHEMATICS

On the basis of the math ACT score, or a departmental test and previous high school or college mathematics, the student is assigned to the appropriate mathematics course. No student may receive more than nine hours of degree credit in mathematics courses numbered below 200. Special permission must be granted by the Chairman of the Department of Mathematics before a student may register for credit in a freshman (100 level) course numbered less than a course for which he/she has previously received credit.

MATH 007: Elementary Algebra**3 cr.**

Placement into this course is based on the student's performance on the math section of the ACT or a departmental diagnostic test. Introduces the student to the basic concepts of algebra to include real numbers; solving linear equations and inequalities; formulas and applications of algebra; exponents, polynomials, addition and multiplication of polynomials; factoring; rational expressions and equations; graphing linear equations. Three hours of lecture and two hours of lab. NOTE: Three hours will be added to the degree program of any student taking this course. Grading is on a pass/no credit basis.

MATH 121: College Algebra***3 cr.**

Prerequisite: Math 007 or sufficiently high score on the mathematics section of the ACT. Equations, inequalities, and problem solving; exponents and radicals; quadratic equations and inequalities; linear equations and inequalities in two variables; functions; polynomial and rational functions; exponential and logarithmic functions; systems of equations. Three hours of lecture.

MATH 122: Plane Trigonometry**3 cr.**

Prerequisite: MATH 121 or consent of the department. Definition of the trigonometric functions and their graphic representation; solutions of triangles; graphic representation; polar coordinates and graphs; identities; inverse functions, trigonometric equations; and complex numbers. Three hours of lecture.

MATH 124: Mathematical Concepts**3 cr.**

Prerequisite: MATH 121 or consent of the department. A course designed to introduce the liberal arts student to real world applications of mathematics. Topics include logic, numeration systems, mathematical systems, counting principles, and probability and statistics. Three hours of lecture.

MATH 127: Mathematics for Elementary School Teachers**3 cr.**

Prerequisite: MATH 121 or consent of the department. This course is designed for elementary education majors. The emphasis of the course is problem solving. Topics include numeral systems, theory of arithmetic, whole numbers, integers, rational numbers, decimal representations, real numbers, probability, and statistics. Open only to students enrolled in elementary education. Three hours of lecture.

MATH 131: Elementary Applied Calculus**3 cr.**

Prerequisite: MATH 121 or consent of the department. A non-rigorous approach to calculus: functions, graphing, limits, continuity, differentiation, integration; applications from business, biological science, social science, and behavioral science. Three hours of lecture.

MATH 150: Precalculus**3 cr.**

Prerequisite: MATH 121 or sufficiently high score on the mathematics part of the ACT or consent of the department. Relations, functions, and their graphs; polynomial functions; exponential and logarithmic functions; trigonometric functions; trigonometric identities and equations; laws of sines and cosines; polar coordinates and equations; and parametric equations. For qualified students, the course serves as a replacement for MATH 121 and 122 as a preparation for MATH 221. Credit will not be given for all three of MATH 121, 122 and 150, but credit may be given for any pair of these courses. Three hours of lecture and two hours of lab.

MATH 201: Discrete Mathematics**3 cr.**

Prerequisite: MATH 121 or consent of the department. Logic and Boolean algebra, set theory, graph theory, and counting techniques. Three hours of lecture.

MATH 210: Applied Statistics**3 cr.**

Prerequisite: MATH 121 or consent of the department. This course is appropriate for students in all majors other than mathematics. Topics include descriptive statistics; elementary counting principles and probability, the Binomial distribution, the Normal distribution, hypothesis testing, analysis of variance, chi-square tests, regression and correlation. Three hours of lecture.

MATH 217: Mathematics for Elementary School Teachers II**3 cr.**

Prerequisite: MATH 127 with a grade of C or better. This course is designed for elementary education majors. A study of basic Euclidean geometry, measurement and other topics chosen to give the elementary school teacher the mathematical background necessary for the present elementary school curriculum. Open only to students enrolled in Elementary Education. Three hours of lecture.

MATH 218: Mathematics for Elementary School Teachers III**3 cr.**

Prerequisite: MATH 127 and MATH 217 with a grade of C or better. This course is designed for elementary majors. Topics include descriptive statistics, probability, algebraic patterns and functions, structure and properties of various number systems. Open only to students enrolled in Elementary Education. Three hours of lecture.

MATH 221: Analytic Geometry and Calculus I**4 cr.**

Prerequisite: MATH 121 and MATH 122, or Math 150, or consent of the department. Topics include limits and continuity; derivatives and antiderivatives with applications; transcendental functions. Students may be required to have a graphing calculator. Four hours of lecture and one hour of lab.

- MATH 222: Analytic Geometry and Calculus II** 4 cr.
Prerequisite: MATH 221. Topics include integration techniques, infinite series; conic sections; parametric equations and polar coordinates. Students may be required to have a graphing calculator. Four hours of lecture and one hour of lab.
- MATH 223: Analytic Geometry and Calculus III** 4 cr.
Prerequisite: MATH 222. Topics include vectors and geometry of space; vector-valued functions; functions of several variables; multiple integration; vector analysis. Students may be required to have a graphing calculator. Four hours of lecture and one hour of lab.
- MATH 235: Foundations of Mathematics** 3 cr.
Prerequisite: MATH 201 and MATH 222. A study of logic and truth tables, methods of proof, induction, set theory, functions, equivalence relations, and construction of the real number system. Three hours of lecture.
- MATH 254: Linear Algebra** 3 cr.
Prerequisite: MATH 221. System of linear equations; vector spaces; linear transformations; matrices and determinants. Three hours of lecture.
- MATH 260: Elementary Statistics** 3 cr.
Prerequisite: MATH 121 and either CSC 115 or ISDS 150, or consent of the department. Introduction to basic statistical concepts, including measures of central tendency and dispersion; probability; discrete distributions, including the binomial, Poisson, and hypergeometric; continuous distributions, including the normal, Chi-square, and F; sampling distributions; hypothesis testing, and introduction to the use of statistical packages. Three hours of lecture.
- MATH 290: Selected Topics** 3 cr.
Prerequisite: Consent of the department. Topics to be announced by the Department of Mathematics. Three hours of lecture.
- MATH 304: Advanced Linear Algebra** 3 cr.
Prerequisite: MATH 254. Eigenvalues and eigenvectors, functions of vectors, inner product spaces; and spectral decomposition. Three hours of lecture.
- MATH 310: Statistical Methods** 3 cr.
Prerequisite: MATH 221 and MATH 260 or consent of the department. Linear and multiple regression, correlation, analysis of enumerative data, one- and two-way analysis of variance, time series analysis and nonparametric statistics. Students will be expected to analyze data sets using available statistical packages. Three hours of lecture.
- MATH 331: Advanced Calculus I** 3 cr.
Prerequisite: MATH 223. A detailed study of the fundamental concepts of calculus including limits; derivatives and continuity; the real number system; functions of several variables: partial differentiation; integration, line integrals; infinite series. Three hours of lecture.
- MATH 332: Advanced Calculus II** 3 cr.
Prerequisite: MATH 331. Infinite series, power series; Fourier series; improper integrals; implicit functions; point-set theory; transformations and mappings; multiple integrals. Three hours of lecture.
- MATH 355: Elementary Differential Equations** 3 cr.
Prerequisite: MATH 222. Beginning course in ordinary differential equations. Topics include solutions to linear equations, series solutions to linear equations, Laplace transform techniques and applications to mixing problems, motions problems, trajectory problems and electric circuit problems. Three hours of lecture.
- MATH 390: Selected Topics in Mathematics** 3 cr.
Prerequisite: Consent of the department. Topics to be announced by the mathematics department. Three hours of lecture.
- MATH 398: Selected Readings in Mathematics** 1 cr.
Prerequisite: Junior standing or consent of the department. An introduction to research through independent reading projects, leading to written and oral presentations. Meets concurrently with MATH 498. One hour of credit on a pass/no-credit basis.
- MATH 407: College Geometry** 3 cr.
Prerequisite: MATH 235 or consent of the department. The course begins with a review and reconstruction of basic Euclidean geometry and continues with more advanced topics. Three hours of lecture.
- MATH 409: Number Theory** 3 cr.
Prerequisite: MATH 235. A survey of divisibility, congruencies, the Chinese remainder theorem, quadratic reciprocity, Diophantine equations, continued fractions, and other selected topics. Three hours of lecture.
- MATH 413: History of Mathematics** 3 cr.
Prerequisite: MATH 221 or consent of the department. A survey of early numeral systems; Babylonian, Egyptian, and Oriental mathematical achievements; classical Greek discoveries that led to later European developments. Three hours of lecture.
- MATH 414: Biostatistics** 3 cr.
Prerequisite: MATH 222 and MATH 310 or consent of the department. This course is designed for those interested in epidemiology and statistics related to the life sciences. Topics include sample surveys, life tables, survival analysis, clinical trials, longitudinal studies, bioassay, and sequential techniques. Three hours of lecture.
- MATH 418: Statistical Quality Control** 3 cr.
Prerequisite: MATH 122 and MATH 260, or consent of the department. Topics include modeling process quality, inferences about process quality, control charts for variables, control charts for attributes, acceptance sampling, and reliability. Three hours of lecture.
- MATH 420: Numerical Analysis I** 3 cr.
Prerequisite: CSC 112 or 140; MATH 222; and MATH 254. Theory and application of numerical techniques for approximation of functions, solutions of equations of one variable and systems of linear equations, interpolation and curve fitting, integration and differentiation, and solution of ordinary differential equations. Three hours of lecture.
- MATH 421: Numerical Analysis II** 3 cr.
Prerequisite: MATH 420. Topics may vary but may include theory and application of numerical techniques for approximation by spline functions, solutions of boundary value problems, partial differential equations, systems of ordinary differential equations, minimization of multivariate functions, and linear programming. Three hours of lecture.
- MATH 436: Complex Analysis I** 3 cr.
Prerequisite: MATH 223. Complex numbers, analytic functions, elementary functions and mapping elementary functions; integrals; power series; residues; poles; residue theorem and applications. Three hours of lecture.

- MATH 437: Complex Analysis II** 3 cr.
Prerequisite: MATH 436. Conformal mapping and applications, Schwarz-Christoffel transformation, Poisson integrals, boundary value problems, analytic continuation, and other related topics. Three hours of lecture.
- MATH 440: Partial Differential Equations** 3 cr.
Prerequisite: MATH 223 and 355. Fourier series; special functions; boundary-value problems, partial differential equations of mathematical physics. Three hours of lecture.
- MATH 445: Differential Equations** 3 cr.
Prerequisite: MATH 355. Topics may include the study of dynamical systems, nonlinear system of ordinary differential equations, numerical techniques, and a rigorous treatment of the theory or ordinary differential equations. Three hours of lecture.
- MATH 451: Real Analysis I** 3 cr.
Prerequisite: MATH 223 and 235. Study of sequences and series, limits, continuity, metric spaces, and selected classical sequence and function spaces. Three hours of lecture.
- MATH 452: Real Analysis II** 3 cr.
Prerequisite: MATH 451. Study of connectedness, completeness, and compactness; measure theory and integration theory; Taylor series; and sequences and series of functions. Three hours of lecture.
- MATH 453: Actuarial Mathematics I** 3 cr.
Prerequisite: MATH 222 and MATH 260 or consent of the department. Designed for students interested in taking the first actuarial examination. Topics include probability theory in the context of risk and insurance, conditional distributions and expectations, ordered statistics, moment generating functions, discrete and continuous random variables including binomial, Poisson, uniform, and exponential. Three hours of lecture.
- MATH 454: Actuarial Mathematics II** 3 cr.
Prerequisite: MATH 453 or consent of the department. Designed for students interested in the actuarial science profession. Topics include limiting distributions, sufficient statistics, theory of statistical test, economics of insurance, individual risk models for a short term, survival distributions and life tables. Three hours of lecture.
- MATH 455: Probability and Statistics I** 3 cr.
Prerequisite: MATH 223 or consent of the department. Probability theory; density functions; expectation; moment-generating functions; discrete random variables, including binomial, Poisson, geometric, hypergeometric, and negative binomial; and continuous random variables, including normal, Chi-Square, gamma, and uniform. Three hours of lecture.
- MATH 456: Probability and Statistics II** 3 cr.
Prerequisite: MATH 455. Distributions of functions of random variables, limiting distributions, central limit theorem, estimation, confidence intervals, hypothesis testing, and nonparametric methods. Three hours of lecture.
- MATH 461: Abstract Algebra I** 3 cr.
Prerequisite: MATH 235. The study of group theory including subgroups, congruence and cosets, permutations, and quotient groups, mappings that preserve relations, other abstract algebras. Three hours of lecture.
- MATH 462: Abstract Algebra II** 3 cr.
Prerequisite: MATH 461. The study of rings; integral domains, fields and extensions of fields, modules and ideals. Three hours of lecture.
- MATH 471: Introduction to Topology** 3 cr.
Prerequisite: MATH 235 or consent of the department. Topological spaces; metric spaces; product and quotient spaces; separation properties; connectedness and compactness. Three hours of lecture.
- MATH 475: Internship in Math** 3 cr.
Prerequisites: Credit for at least 60 hours, 2.5 cumulative GPA, and 2.75 GPA in mathematics. Employment focused on applications of mathematics with a qualified employer. The course requires written reports detailing the objectives, progress and completion of the internship. Three hours of credit on a Pass/No Credit basis. May be repeated for a maximum of six credit hours. Credit may not be applied to the mathematics elective portion of the mathematics major.
- MATH 490: Selected Topics in Mathematics** 3 cr.
Prerequisite: Consent of the department. May be repeated for credit when the topics vary. Topics to be announced by the department. Three hours of lecture.
- MATH 495: Independent Studies** 3 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the Mathematics faculty. Three hours of research.
- MATH 498: Senior Seminar** 2 cr.
Prerequisite: Senior standing or consent of the department. Independent reading and research, guided by a faculty member in the department, leading to written and oral presentations by the student. Those students wishing to earn certification for secondary school teaching must choose at least one topic recommended by the NCTM that has not been covered in previous courses. Two hours of research.
- MATH 607: College Geometry** 3 cr.
Prerequisite: MATH 222 or consent of the department. The course begins with a review and reconstruction of basic Euclidean geometry and continues with more advanced topics. Three hours of lecture.
- MATH 609: Number Theory** 3 cr.
Prerequisite: Math 235 or consent of the department. A survey of divisibility, congruencies, the Chinese remainder theorem, quadratic reciprocity, Diophantine equations, and other selected topics. Three hours of lecture.
- MATH 613: History of Mathematics** 3 cr.
Prerequisite: MATH 221. A survey of early numeral systems; Babylonian, Egyptian, and Oriental mathematical achievements, and classic Greek discoveries that led to later European developments. Three hours of lecture.

- MATH 620: Numerical Analysis I** 3 cr.
Prerequisite: CSC 112 or 140; MATH 222; and MATH 254. Theory and application of numerical techniques for approximation of functions, solutions of equations of one variable and systems of linear equations, interpolation and curve fitting, integration and differentiation, and solution of ordinary differential equations. Three hours of lecture.
- MATH 621: Numerical Analysis II** 3 cr.
Prerequisite: MATH 420. Topics may vary but may include theory and application of numerical techniques for approximation by spline functions, solutions of boundary value problems, partial differential equations, systems of ordinary differential equations, minimization of multivariate functions, and linear programming. Three hours of lecture.
- MATH 636: Complex Analysis I** 3 cr.
Prerequisite: MATH 223. Complex numbers, analytic functions, elementary functions and mapping elementary functions, integrals; power series, residues; poles; residue theorem and applications. Three hours of lecture.
- MATH 637: Complex Analysis II** 3 cr.
Prerequisite: MATH 636. Conformal mapping and applications, Schwarz-Christoffel transformation, Poisson integrals, boundary value problems, analytic continuation, and other related topics. Three hours of lecture.
- MATH 640: Partial Differential Equations** 3 cr.
Prerequisite: MATH 223 and 355. Fourier series; special functions, boundary-value problems, partial differential equations of mathematical physics. Three hours of lecture.
- MATH 645: Differential Equations** 3 cr.
Prerequisite: MATH 355. A course in ordinary differential equations with attention to theory. Three hours of lecture.
- MATH 651: Real Analysis I** 3 cr.
Prerequisite: MATH 223. Study of sequences and series, limits, continuity, metric spaces, and selected classical sequence and function spaces. Three hours of lecture.
- MATH 652: Real Analysis II** 3 cr.
Prerequisite: MATH 451. Study of connectedness, completeness, and compactness; measure theory and integration theory; Taylor series; and sequences and series of functions. Three hours of lecture.
- MATH 655: Probability and Statistics I** 3 cr.
Prerequisite: MATH 223 or consent of the department. Probability theory; density functions; expectation; moment-generating functions; discrete random variables, including binomial, Poisson, geometric, hypergeometric, and negative binomial; and continuous random variables, including normal, Chi-Square, gamma, and uniform. Three hours of lecture.
- MATH 656: Probability and Statistics II** 3 cr.
Prerequisite: MATH 655. Distributions of functions of random variables, limiting distributions, central limit theorem, estimation, confidence intervals, hypothesis testing, and nonparametric methods. Three hours of lecture.
- MATH 661: Abstract Algebra I** 3 cr.
Prerequisite: MATH 235. The study of group theory including subgroups, congruence and cosets, permutations, and quotient groups, mappings that preserve relations, other abstract algebras. Three hours of lecture.
- MATH 662: Abstract Algebra II** 3 cr.
Prerequisite: MATH 461. The study of rings; integral domains, fields and extensions of fields, modules and ideals. Three hours of lecture.
- MATH 671: Introduction to Topology** 3 cr.
Prerequisite: MATH 235 or consent of the department. Topological spaces; metric spaces, product and quotient spaces; separation properties; connectedness and compactness. Three hours of lecture.
- MATH 690: Selected Topics in Mathematics** 3 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Topics to be announced by the department. Three hours of lecture.
- MATH 695: Independent Study** 3 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the Mathematics faculty. Three hours of research.
- MATH 710: Statistics for Medical and Biological Applications** 3 cr.
This course is intended for the graduate student in the College of Arts and Sciences. Topics include measures of central tendency and dispersions; probability; common probability distributions including the binomial, Poisson, normal, Chi-square, and F; sampling distributions; hypothesis testing, confidence interval estimation, comparison of means and proportions, sample size calculation; overview of simple and multiple regression and regression diagnostics, one and two way analysis of variance; Chi-square tests; common nonparametric procedures. Three hours of lecture.
- MATH 790: Selected Topics in Mathematics** 3 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of 6 credit hours. Topics to be announced by the Mathematics Department. Three hours of lecture.
- MATH 792: Directed Readings in Mathematics Literature** 3 cr.
Prerequisite: Consent of the department. Articles selected from approved professional journals will be assigned to each student. The student's interests and background will be considered in the selection of the articles. The student will be required to demonstrate mastery of the material assigned. May be repeated for a maximum of six term hours. Three hours of independent study.
- MATH 795: Independent Study in Mathematics** 3 cr.
Independent study in Mathematics. An independent project or study directed by an assigned faculty member.
- MATH 799: Thesis** 3 cr.
Thesis. Research project carried out under the supervision of assigned faculty member. May be repeated.

MATHEMATICS EDUCATION

- MTED 700: Mathematical Concepts for K-8 Teachers** 3 cr.
This course is designed to blend pedagogical instruction and mathematical concepts for the effective teaching of mathematics in grades K-8. Credit will apply only to programs in Education. Three hours of lecture.
- MTED 701: Mathematical Concepts for Elementary Teachers** 3 cr.
Prerequisite: MTED 700 or consent of the department. This course is designed to blend instructional techniques and mathematical concepts related to the teaching of grades K-5. Credit will apply only to programs in Education. Three hours of lecture.
- MTED 702: Mathematical Concepts for Middle Grade Teachers** 3 cr.
Prerequisite: MTED 700 or consent of the department. This course is designed to blend instructional techniques and mathematical concepts related to the teaching of grades 6-8. Credit for this course will apply only to the Master of Education degree. Three hours of lecture.
- MTED 705: Intuitive Geometry for K-8 Teachers** 3 cr.
Prerequisite: MATH 217 or consent of the department. Credit will not be given for both this course and MTED 706. This course is designed to provide the geometric concepts necessary for the teaching of geometry in grades K-8. Topics to be covered include patterns of polygons in the plane, polyhedra and tessellations of space, motions in the physical world, translations, similarities, congruence, and isometries. Credit will apply only to programs in Education. Three hours of lecture.
- MTED 706: Intuitive Geometry for 6-12 Teachers** 3 cr.
Prerequisite: MATH 407 or consent of the department. Credit will not be given for both this course and MTED 705. This course is designed to provide the concepts in geometry necessary for the effective teaching of geometry in grades 6-12. Topics to be covered include motion geometry (translations, rotations, reflections, magnification), similarity, congruence, elementary concepts of topology, number patterns in geometry and constructions. Credit for this course will apply only to the Master of Education degree. Three hours of lecture.
- MTED 710: Mathematical Modeling for Teachers** 3 cr.
Prerequisite: Consent of the department. Problem formulation, as well as problem-solving activities, suitable for use in courses in grades K-12 is covered. Emphasis will be placed on concepts from the social, physical and biological sciences. Credit will apply only to programs in Education. Three hours of lecture.
- MTED 713: Elementary Statistics for Teachers** 3 cr.
Prerequisite: MATH 260 or consent of the department. This course will cover descriptive statistics, simulations, normal distributions, confidence intervals, hypothesis testing, correlation and regression. Concepts, problems, and examples from business, social sciences and the natural sciences which are appropriate for use in precollege curriculum are included. Credit for this course will apply only to the Master of Education degree. Three hours of lecture.
- MTED 790: Mathematics for Teachers** 3 cr.
Prerequisite: Consent of the department. May be repeated for a maximum of six term hours. Topics to be announced by the Mathematics and Education departments. Credit will apply only to programs in Education. Three hours of lecture.

MILITARY SCIENCE

- MILS 101: Officership I** 1 cr.
Introduction to the Reserve Officer Training Corps (ROTC) and the customs, tradition, organization and role of the U.S. Army, basic map reading and land navigation skills, basic first aid, military writing skills. One hour of lecture.
- MILS 102: Officership II** 1 cr.
Introduction to radio communications; reinforcement of map reading and land navigation skills; introduction to small unit tactics and operations; introduction to the Constitution, leadership and officer ethics. One hour of lecture.
- MILS 103: Officership I Lab** 2 cr.
Hands on instruction in rappelling, mountaineering techniques, and equipment care. With approval of the Professor of Military Science, the following courses may be used to satisfy Military Science 103, and 104 requirements: some physical education activities courses. Two hours of laboratory and one hour of lecture.
- MILS 104: Officership II Lab** 2 cr.
Hands on instruction in advanced rappelling, mountaineering techniques, and equipment care. With permission of the Professor of Military Science the following courses may be used to satisfy Military Science 103 and 104 requirements: some physical education courses. Two hours of laboratory and one hour of lecture.
- MILS 201: Leadership and MGT** 1 cr.
Advanced map reading and land navigation using compass; first aid; exercises in written and oral communications; introduction to squad tactics. One hour of lecture.
- MILS 202: Basic Leadership** 1 cr.
Principles of leadership and advanced military skills. One hour of lecture.
- MILS 203: Leadership and Management Lab** 2 cr.
Physical fitness training and practical application of military skills learned in the classroom. Two hours of laboratory and one hour of lecture.
- MILS 204: Basic Leadership Lab** 2 cr.
Physical fitness training and practical exercises of leadership and military skills learned in the classroom. Two hours of lab and one hour of lecture.
- MILS 301: Leadership and Problem Solving** 3 cr.
Prerequisite: Completion of MILS 101, 102, 201, 202, or completion of Leadership Training Camp or Veteran status. Students conduct self-assessment of leadership style, develop personal fitness regimen, and learn to plan and conduct individual/small unit tactical while testing reasoning and problem-solving techniques. Students receive direct feedback on leadership abilities. Three hours of lecture.

- MILS 302: Leadership and Ethics** **3 cr.**
Prerequisite: Completion of MILS 100 and 200 level courses, or Veteran status or currently serving in the National Guard or Army Reserves. Examines the role communications, values, and ethics play in effective leadership. Topics include ethical decision-making, consideration of others, spirituality in the military, and survey Army leadership doctrine with emphasis on improving oral and written communication abilities. Three hours of lecture.
- MILS 303: Advanced Military Science I Lab** **1 cr.**
Advanced physical fitness training and evaluated practical leadership exercises using skills and techniques learned in classroom. Includes participation in at least three field training exercise and a social activity. Two hours laboratory and one hour of lecture.
- MILS 304: Advanced Military Science II Lab** **1 cr.**
Advanced physical fitness training and evaluated practical leadership exercises using skills and techniques learned in the classroom. Includes participation in at least five field training exercises and a social activity. Two hours of laboratory and one hour of lecture.
- MILS 307: Practicum (Advanced Camp)** **6 cr.**
Six week advanced ROTC Camp at an active Army installation under direction and supervision of active Army personnel. Leadership experiences in garrison and in field designed to evaluate leadership potential under stressful conditions using formal Leadership Assessment Programs (LAP). Prerequisites: completion of MILS 301, 302, 303, 304, and/or consent of PMS. Four credits granted for completion of this practicum.
- MILS 401: Leadership and Management** **3 cr.**
Prerequisite: Completion of MILS 301 and 302. Develops student proficiency in planning and executing complex operations, functioning as a staff member, and mentoring subordinates. Students explore training management, methods of effect staff collaboration, and developmental counseling techniques. Three hours of lecture.
- MILS 402: Officership** **3 cr.**
Prerequisite: Completion of MILS 301 and 302. Study includes case study analysis of military law and practical exercises on establishing an ethical command climate. Students must complete a term long *Senior Leadership Project* that requires them to plan, organize, collaborate, analyze, and demonstrate their leadership skills. Three hours of lecture.
- MILS 403: Adv Mils III Lab** **1 cr.**
Advanced physical fitness training and practical exercises in leadership and Army staff relationships including thinking, analyzing, planning, deciding, and communicating. Plan and conduct at least three field training exercises, and a social event under faculty supervision. Two hours of laboratory and one hour of lecture.
- MILS 404: Adv MILS IV Lab** **1 cr.**
Advanced physical fitness training, practical exercises in leadership, and command and staff operation; plan and conduct at least five field training exercises and a social event under faculty supervision. Two hours of laboratory and one hour of lecture.
- MILS 406: Reading/Conference** **1 cr.**
Independent reading and study of the art of military leadership and ethics. Conferences with assigned professor(s). Prerequisites: MILS 401, 402, and consent of PMS. One hour of lab.
- MILS 407: Planning and Executing** **1 cr.**
Practical exercises in military staff planning and execution of selected ROTC activities, exercises and/or leadership laboratories. Prerequisites: MILS 401, 402, and consent of PMS. One hour of lab.
- MILS 408: Readings and Reports** **1 cr.**
Readings and book reports on issues and/or military subjects of contemporary significance for military leaders. Prerequisites: MILS 401, 402, and consent of PMS. One hour of lab.
- MILS 409: Instruction Methods** **1 cr.**
Actual experience in preparing and presenting military science instruction on selected topics under instructor supervision. Prerequisites: MILS 401, 402, and consent of PMS. One hour of lab.

MUSIC

- MUS 100: University Chorale** **1 cr.**
Prerequisite: Consent of Department. May be repeated for credit for a maximum of six hours. Intensive study of choral music of all periods, including preparation for public performance. Three hours of lab.
- MUS 110: Shreveport Metropolitan Concert Band at LSUS** **1 cr.**
Prerequisite: Consent of Department and prior experience in woodwind, brass, or percussion instruments. Music studied and performed will include all combinations of wind and percussion instruments from the Renaissance to the present. May be repeated for a maximum of three credit hours.
- MUS 115: Beginning University Jazz Band** **1 cr.**
Prerequisite: Consent of the department by audition. Intensive study of jazz idiom at the beginning level. This course will include preparation for performance. It may be repeated for a maximum of four credit hours.
- MUS 116: Intermediate University Jazz Band** **1 cr.**
Prerequisite: Consent of the department by audition. Intensive study of jazz idiom at the intermediate level. This course will include preparation for performance. It may be repeated for a maximum of six credit hours.
- MUS 120: Music Appreciation*** **3 cr.**
Classifications and elements of music, musical forms and types with emphasis on listening to instrumental and vocal music, symphonies, tone poems, keyboard music, art songs, opera excerpts, blues and jazz. Designed to develop an understanding and an enjoyment of music. Three hours of lecture.
- MUS 125: Introduction to Music Theory** **3 cr.**
An introductory course in the fundamentals of music theory. Open to all University students. Integrated theory for beginners incorporating the basic principles of note reading and notation, rhythm and meter, major and minor scales, key signatures, and intervals. Three hours of lecture.

MUS 150: Beginning Piano	3 cr.
Group instruction in piano for beginners. Includes basic fundamentals of piano technique, note reading, and major scales and chord progressions. Work in piano lab with software programs and keyboard is necessary. One hour of lecture and three hours of lab.	
MUS 250: Intermediate Piano	3 cr.
Prerequisite: MUS 150 or consent of the department. Intermediate group instruction in piano. A continuation of MUS 150, with a more advanced treatment of chords, inversions, techniques, and repertoire. Work in piano lab with software programs and keyboard is necessary. One hour of lecture and three hours of lab.	
MUS 260: Music Education for Elementary Teachers	3 cr.
Fundamentals of music applied to the elementary school classroom. Three hours of lecture and demonstration.	
MUS 440: Music History I	3 cr.
A survey of the development of musical style in the Renaissance, Baroque, and Classic periods. Three hours of lecture.	
MUS 441: Music History II	3 cr.
A survey of the development of musical style in the Romantic period and twentieth century, and a survey of American music. Three hours of lecture.	
MUS 442: Our Musical Heritage: Music in America	3 cr.
A survey of the development of music in the United States from colonial days to the present, stressing the historical and sociological contexts in which various types of music developed. Topics to be studied will include popular, sacred, orchestral, band, jazz, opera and musical comedy, dance, and folk music. Three hours of lecture.	
MUS 490: Seminar in Music History and Literature	3 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Selected topics from various periods of musical style development or the works of particular composers. Three hours of seminar.	
MUS 642: Our Musical Heritage: Music in America	3 cr.
A survey of the development of music in the United States from colonial days to the present, stressing the historical and sociological contexts in which various types of music developed. Topics to be studied will include popular, sacred, orchestral, band, jazz, opera and musical comedy, dance, and folk music. Three hours of lecture.	
MUS 690: Seminar in Music History and Literature	3 cr.
Prerequisite: Graduate Standing. May be repeated for credit for a maximum of six semester hours. Topics include works of particular composers, historical development of genres, or various periods of musical style development. Research project devoted to in-depth analysis of music and its placement within socio-historical and aesthetic contexts. Three hours of lecture.	

PHILOSOPHY

PHIL 105: Exploring Philosophy*	3 cr.
An introduction to critically thinking about the major issues and ideas found throughout the history of philosophy. Three hours of lecture.	
PHIL 206: Logical Reasoning*	3 cr.
An introduction to the basic principles of deductive and inductive reasoning, emphasizing the art of reasoning and its practical application. Three hours of lecture.	
PHIL 250: Ethics*	3 cr.
An analysis and evaluation of the major ethical issues of contemporary society in the light of the traditional ethical theories of western culture. Three hours of lecture.	
PHIL 305: History of Philosophy I: Ancient and Medieval	3 cr.
An exploration of the philosophies of the major philosophers of the ancient and medieval world. Three hours of lecture.	
PHIL 306: History of Philosophy II: Renaissance through the 19th Century	3 cr.
A presentation and analysis of the philosophies of the major philosophers from the Renaissance through the nineteenth century. Three hours of lecture.	
PHIL 405: Existentialism	3 cr.
A presentation and analysis of the major existential philosophers. Three hours of lecture.	
PHIL 490: Seminar in Philosophy	3 cr.
May be repeated for credit a maximum of 6 hours. Selected topics from current issues and problems in philosophy. Will vary from term to term. Three hours of seminar.	
PHIL 605: Existentialism	3 cr.
A presentation and analysis of the major existential philosophers. The course will present these philosophers through a variety of hermeneutical lenses. Students will be expected write and present a critical research paper on some aspect of existentialism. Three hours of lecture.	
PHIL 690: Seminar in Philosophy	3 cr.
May be repeated for credit a maximum of 6 hours. Selected topics from current issues and problems in philosophy. Students will interact with and respond to these philosophical issues through research papers and class presentations. Will vary from term to term. Three hours of seminar.	
PHIL 790: Special Topics in Philosophy	3 cr.
May be repeated for six hours credit. Special topics in the areas of metaphysics, epistemology, ethics, aesthetics, philosophical anthropology, philosophy of religion and political philosophy. Topics will vary from term to term. Three hours of seminar.	

PHYSICAL SCIENCE

PHSC 105: Physical Science*	3 cr.
Prerequisite: MATH 007 or sufficiently high score on a math diagnostic test. A survey course in physics with attention given to recent discoveries and applications of physical science knowledge. This course is not intended for the student who wishes to pursue further	

work in any of the areas of physical science and may not be substituted for the basic course in any of these fields. Three hours of lecture.

PHSC 106: Physical Science* **3 cr.**

A survey of selected chemistry topics with attention given to recent discoveries and applications including the environmental impact of chemical technology. This course is not intended for the student who wishes to pursue further work in any of the areas of physical science and may not be substituted for the basic course in any of these fields. Three hours of lecture. Also listed as CHEM 106.

PHSC 106L: Applied Chemistry Laboratory **1 cr.**

Prerequisite: Registration or credit in CHEM 110 or CHEM 106 or PHSC 106. A course designed to enhance knowledge of chemistry laboratory techniques, especially those which illustrate the importance of chemistry in everyday life. Experiments will consider water purification, preparation of detergents and perfumes, analysis of milk, vitamin and mineral content of foods, radioactivity, acid rain, and the study of aspirin, caffeine, and fermentation. Will not substitute for CHEM 121L. One hour of instruction and two hours of lab. Also listed as CHEM 106L.

PHSC 190: Selected Topics in Physical Science **1-3 cr.**

Topics will be selected from areas such as astronomy, physics, astrophysics, geophysics, and cosmology. The number of credit hours (one, two, or three) depends upon the topic and the breadth and depth of the coverage. One to three hours of lecture.

PHSC 201: Science Laboratory Demonstration for Elementary Teachers **3 cr.**

Prerequisites: Nine term hours of biological and physical science including PHSC 106. Methods of using the science laboratory demonstration in teaching elementary school science. For students in the College of Education and in-service elementary science teachers. Three hours of lecture and demonstration.

PHSC 790: Special Topics in Science and Modern Man **3 cr.**

Prerequisite: Consent of the department. A humanistic approach to special topics to be selected from chemistry, physics, and cosmology. May be repeated for a maximum of twelve term hour. Topics vary from term to term. Three hours of seminar.

PHYSICS

Co-requisites: Unless the student obtains approval from the Chair of the Department, they may not continue in a course if a co-requisite course is dropped.

PHYS 120: Introduction to Electrical Circuits **3 cr.**

Prerequisite: MATH 122 or consent of the department. This course is an introduction to electrical circuits, both D.C. and A.C., and will serve as prerequisite for PHYS 220. Three hours of lecture.

PHYS 220: Electronics **4 cr.**

Prerequisite: PHYS 120 or consent of department. A basic or introductory course stressing the properties and applications of diodes, transistors, integrated circuits, and other circuit devices. The emphasis in the laboratory is placed on the design, fabrication, and testing of circuits utilizing the devices mentioned above. The lecture cannot be taken without the laboratory. Three hours of lecture and three hours of lab.

PHYS 251: General Physics **3 cr.**

Prerequisite: MATH 122 or 221. For the premedical student and the nonphysical science student. Study of mechanics, heat and sound. Three hours of lecture and demonstration.

PHYS 251L: General Physics Laboratory **1 cr.**

Prerequisite: Credit or registration in PHYS 251. Two-hour laboratory course to accompany PHYS 251.

PHYS 252: General Physics **3 cr.**

Prerequisite: PHYS 251. For the premedical student and the in physical science student. Study of light, electricity and magnetism, and topics in modern physics. Three hours of lecture and demonstration.

PHYS 252L: General Physics Laboratory **1 cr.**

Prerequisite: Credit or registration in PHYS 252. Two-hour laboratory course to accompany PHYS 252.

PHYS 261: General Physics for Science Majors* **3 cr.**

Prerequisite: MATH 221 or consent of the department. For the student in engineering, mathematics, chemistry, or physics. Study of principles and applications of mechanics, heat, and sound. Three hours of lecture.

PHYS 261L: Laboratory Work for Science Majors **1 cr.**

Prerequisite: Credit or registration in PHYS 261. Two-hour laboratory course to accompany PHYS 261.

PHYS 262: General Physics for Science Majors* **3 cr.**

Prerequisites: PHYS 261 and MATH 222. For the student in engineering, mathematics, chemistry, or physics. Study of principles and applications of light, electricity, and magnetism. Three hours of lecture.

PHYS 262L: Laboratory Work for Science Majors **1 cr.**

Prerequisite: Credit or registration in PHYS 262. Two-hour laboratory course to accompany PHYS 262.

PHYS 290: Research Internship **1 cr.**

Prerequisite: Consent of the department. Individual reading and theoretical and/or experimental research on introductory problems in physics. One hour of research.

PHYS 291: Research Internship **1 cr.**

Prerequisite: PHYS 290. Individual reading and theoretical and/or experimental research on introductory problems in physics. One hour of research.

PHYS 292: Research Internship **1 cr.**

Prerequisite: PHYS 291. Individual reading and theoretical and/or experimental research on introductory problems in physics. One hour of research.

PHYS 302: Introduction to Optics **3 cr.**

Prerequisites: PHYS 262, MATH 223 and 355 or consent of the department. A course in the fundamental principles of optics to include geometrical, physical and modern optics. Three hours of lecture.

- PHYS 320: Digital Electronics** **4 cr.**
Prerequisite: PHYS 220. A basic course stressing the properties of integrated circuits such as gates, counters, latches, memories, CPU, etc. The aim of this course is to give the interested student a better understanding of the hardware associated with microprocessors. Three hours of lecture and three hours of lab.
- PHYS 325: Intermediate Electricity and Magnetism** **3 cr.**
Prerequisite: PHYS 262, MATH 355 and credit or concurrent enrollment in MATH 223. For the student majoring in physics or computer science with option in general physics. An intermediate course in electricity and magnetism covering electrostatic, electromagnetism, and an introduction to Maxwell's equations. Three hours of lecture.
- PHYS 326: Intermediate Electricity and Magnetism** **3 cr.**
Prerequisite: PHYS 325. A continuation of PHYS 325 covering Maxwell's equations, electromagnetic waves, electrodynamics and special relativity. Three hours of lecture.
- PHYS 335: Intermediate Mechanics** **3 cr.**
Prerequisite: PHYS 262 and MATH 355. Application of the fundamental laws of mechanics to particles and rigid bodies. Three hours of lecture.
- PHYS 365: Introduction to Modern Physics** **3 cr.**
Prerequisites: PHYS 262 and 335. Primarily for physics majors or computer science majors with option in physics. An introduction to special relativity and quantum mechanics. Three hours of lecture.
- PHYS 375: Thermal Physics** **3 cr.**
Prerequisite: PHYS 365 and MATH 355. An introduction to thermodynamics, statistical mechanics, and kinetic theory. Three hours of lecture.
- PHYS 380: Introduction to Astrophysics** **3 cr.**
Prerequisite: PHYS 441 or consent of the department. An introduction to astrophysics including cosmic rays, their sources, accelerating mechanisms, and interaction with terrestrial and galactic magnetic fields. Three hours of lecture.
- PHYS 400: Modern Physics** **3 cr.**
Prerequisite: Two terms of college physics or consent of the department. A survey of special relativity, quantum mechanics, atomic and nuclear physics. This course is designed for secondary school science teachers. Three hours of lecture.
- PHYS 401: Physics for Middle School Teachers** **4 cr.**
Prerequisites: Math 218 or consent of the department. A course intended primarily for current or future middle school science teachers. Course covers properties of matter, forces and motion, fluids, simple machines, heat, sound, electricity and magnetism. Four hours of lecture.
- PHYS 405: Medical Physics** **3 cr.**
Prerequisite: PHYS 252 or consent of the department. A course primarily for students interested in the health sciences. Covers the physics of the human body and of the equipment used for medical diagnosis and treatment. Three hours of lecture.
- PHYS 420: Introduction to Microprocessors** **4 cr.**
Prerequisites: PHYS 320 and CSC 111 or 140. A hands-on learning experience with microprocessors, specifically the Intel 8085, for control and applications in such areas as data acquisition storage and retrieval and process control. The emphasis is on learning to use a microprocessor for control and on interfacing it to devices, systems, instruments and machines. Three hours of lecture and three hours of lab.
- PHYS 425: Electronic Instrumentation** **4 cr.**
Prerequisite: PHYS 320. Introduces the student to principles of electronic measurement. Students will gain practical knowledge of both transducers and interface circuitry used in the measurement of physical quantities. Three hours of lecture and three hours of lab.
- PHYS 440: Electricity and Magnetism** **3 cr.**
Prerequisite: PHYS 326. A theoretical treatment of electricity and magnetism. Three hours of lecture.
- PHYS 441: Electricity & Magnetism** **3 cr.**
Prerequisite: PHYS 440. A theoretical treatment of electricity and magnetism. Three hours of lecture.
- PHYS 462: Advanced Laboratory** **1 cr.**
Prerequisite: PHYS 220. Selected experiments in several branches of physics. Three hours of lab.
- PHYS 463: Advanced Laboratory** **1 cr.**
Prerequisite: PHYS 462. Selected experiments in several branches of physics. Three hours of lab.
- PHYS 471: Atomic Physics** **3 cr.**
Prerequisites: PHYS 365 and 441 or consent of the department. A survey of modern physical theories of atomic structure spectra, molecular structure, relativity, and a brief introduction to nuclear physics. Three hours of lecture.
- PHYS 472: Nuclear Physics** **3 cr.**
Prerequisites: PHYS 365 and 441 or consent of the department. A survey of radioactivity, nuclear structure, and elementary particles. Three hours of lecture.
- PHYS 475: Quantum Mechanics** **3 cr.**
Prerequisites: PHYS 365 and MATH 254. The basic concepts of non-relativistic quantum mechanics, operators and matrices, intrinsic and orbital angular momenta, atomic structure, perturbation theory, and scattering theory. Three hours of lecture.
- PHYS 480: Quantum Mechanics** **3 cr.**
Prerequisite: PHYS 475. A continuation of PHYS 475. Three hours of lecture.
- PHYS 485: Introduction to Mathematical Physics** **3 cr.**
Prerequisite: MATH 223, 254, and 355 or consent of the department. An introduction to the mathematical treatment of selected physical problems. Three hours of lecture.
- PHYS 486: Introduction to Mathematical Physics** **3 cr.**
Prerequisite: PHYS 485. An introduction to the mathematical treatment of selected physical problems. Three hours of lecture.
- PHYS 488: Selected Topics in Theoretical Physics** **3 cr.**
Prerequisite: PHYS 487. Topics to be selected from quantum mechanics, quantum statistics, relativity, relativistic quantum mechanics, quantum field theory, particle physics, and solid state physics. Three hours of lecture.

- PHYS 490: Special Topics in Physics** 1-3 cr.
Prerequisite: Consent of the department. In-depth study of special areas in physics. May be repeated when topic varies. On to three hours of lecture.
- PHYS 495: Special Problems in Physics and/or Electronics** 1 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of three term hours. Individual reading, conferences, and/or laboratory work on an advanced problem or problems in physics and/or electronics.
- PHYS 600: Modern Physics** 3 cr.
Prerequisite: Two terms of college physics or consent of the department. A survey of special relativity, quantum mechanics, atomic and nuclear physics. This course is designed for secondary school science teachers. Three hours of lecture.
- PHYS 620: Introduction to Microprocessors** 4 cr.
Prerequisites: Physics 320 or consent of the department. This course is especially designed as in-service for high school physics teachers. A hands-on learning experience with microprocessors, specifically the Intel 8085, for control and applications in such areas as data acquisition storage and retrieval and process control. The emphasis is on learning to interface a microprocessor to devices, systems, instruments, and machines. Three hours of lecture and three hours of lab.
- PHYS 625: Electronic Instrumentation** 4 cr.
Prerequisite: PHYS 320 or consent of the department. This course is intended for high school physics teachers. Students will gain practical knowledge of both transducers and interface circuitry used in the measurement of physical quantities. Three hours of lecture and three hours of lab.
- PHYS 695: Special Problems in Physics and/or Electronics** 1 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of three term hours, individual reading, conferences, and/or laboratory work on an advanced problem or problems in physics and/or electronics.

POLITICAL SCIENCE

- POLI 101: Introduction to Political Science*** 3 cr.
Introduces the applications and approaches to the study of political science. Demonstrates the applications and approaches using examples from comparative politics, international relations, public administration, political behavior, political theory, and other subfields of the discipline. Three hours of lecture.
- POLI 151: American Government*** 3 cr.
A survey of the principles, structure, processes, and functions of American government with emphasis on the national government. Three hours of lecture.
- POLI 190: The Washington Political Arena** 3 cr.
Prerequisite: Consent of the director. An extramural program. An examination of American government and politics in Washington, D.C. Extended visits to private and public institutions are scheduled to bring students into closer contact with the American political system. Grading is on a pass-no credit basis. Three hours of seminar
- POLI 201: Introduction to Public Administration** 3 cr.
Prerequisite: POLI 151. A study of the problems and methods of administering public policies with emphasis on the organization and responsiveness of governmental institutions. Three hours of lecture.
- POLI 203: European Politics** 3 cr.
Prerequisite: POLI 101 or consent of the department. A survey of European governments, their political cultures, and their formal and informal institutions. Three hours of lecture.
- POLI 204: Third World Politics** 3 cr.
Prerequisite: POLI 101 or consent of the department. Examines the conceptual approaches utilized in comparing political systems and explores in case studies the relevance of such approaches and performance of systems in Africa, Asia, the Middle East, Latin America, and the South Pacific. Three hours of lecture.
- POLI 211: The Judicial Process and the Supreme Court** 3 cr.
Prerequisite: POLI 151. An introduction to the structure and decision-making of the United States judicial system. Three hours of lecture. Also listed as CJ 211.
- POLI 256: Government of Louisiana*** 3 cr.
A general survey of state and local government and politics in Louisiana. Three hours of lecture.
- POLI 306: American State and Local Government** 3 cr.
Prerequisite: POLI 151. A survey of the structures, functions, and problems of state and local governments in the United States. Three hours of lecture.
- POLI 307: Urban Politics** 3 cr.
Prerequisite: POLI 151. An examination of politics in urban America, emphasizing the impact of forms of municipal and county government, public officials, social and economic sites, political parties, factions, interest groups, and the general public upon policy making in urban communities. Three hours of lecture.
- POLI 315: Political Parties and Interest Groups** 3 cr.
Prerequisite: POLI 151. A study of political parties, interest groups, and campaigning in the United States. Three hours of lecture.
- POLI 316: Legislative Politics** 3 cr.
Prerequisite: POLI 151. A study of the organization, functions, and behavior of legislative systems in the United States with a special emphasis on the United States Congress. Three hours of lecture.
- POLI 317: Presidential Politics** 3 cr.
Prerequisite: POLI 151. An examination of the office of the President, its roles and functions. Includes policy formation and a study of the organization and function of the executive branch. Three hours of lecture.
- POLI 330: Research Methods in the Social Sciences** 3 cr.
Prerequisite: CJ 107 or POLI 101 or SOCL 105 or SOCL 107. This course presents an overview of the basic methods and techniques used in social sciences research. It includes descriptive and inferential statistics, hypothesis testing, population and sample identification,

data collection, statistical analysis, and research report presentation with special emphasis on the areas of criminal justice, political science, and sociology. Three hours of lectures. Also listed as CJ 330 and SOCL 330.

POLI 392: Practicum in Non-Profit Organizations **1 cr.**

Prerequisite: Consent of department. Explores strategic planning, marketing, and communication within non-profit organizations and the particular challenges involved differing from for-profit organizations. One hour of lecture and laboratory. Also listed as PSYC 392, MADM 392, and SOCL 392. May be repeated twice for a total of three credits.

POLI 399: Field Research in Government and Law **3 cr.**

Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Students will be placed in the work environment of various governmental and legal offices. Only one placement may be in the State of Louisiana and one in the Washington, D.C. area. Grading is on a pass-no credit basis. Minimum of nine hours of research per week.

POLI 403: Political Behavior **3 cr.**

Prerequisite: POLI 151, and CJ 330 or SOCL 285. A study of individual political behavior, focusing on political psychology and communication, dealing with acquisition and dissemination of attitudes about politics, participation, issue preferences, and ideological and partisan attachments.. Three hours of lecture.

POLI 411: American Constitutional Law **3 cr.**

Prerequisite: POLI 151, and POLI 211 or CJ 211. A study of the development of the United States Constitution emphasizing the role of the Supreme Court in interpreting the Constitution. Attention is devoted to the relationships and powers of the branches of the national government and to the civil liberties. Three hours of lecture. Also listed as CJ 411.

POLI 424: United States Foreign Policy in the 20th Century **3 cr.**

Prerequisite: POLI 101 or consent of the department. A study of American foreign policy from the World War II period to the present with emphasis on the foreign policy-making process. Three hours of lecture.

POLI 425: International Organizations **3 cr.**

Prerequisite: POLI 101 or consent of the department. An overview of the origins, roles and structures of non-state agents in international politics, including their interactions in the areas of conflict, diplomacy and law, security arrangements, and economic and other forms of integration. Three hours of lecture.

POLI 427: Western Political Thought **3 cr.**

Prerequisite: POLI 101 or consent of the department. A study of some of the writings of classical, medieval, Renaissance, and modern political theorists and their contribution to western political ideas. Three hours of lecture.

POLI 434: Public Policy and Evaluation **3 cr.**

Prerequisites: POLI 151, and SOCL 285 or CJ 330. Presents a survey of public policy making with particular attention to program evaluation methods and the role of evaluation in public policy making. Three hours of lecture.

POLI 442: Jurisprudence **3 cr.**

Prerequisite: POLI 101 or consent of the department. An investigation into how the law describes the relationship between individuals and the state and society, and the appropriateness of law's restrictions upon individual behavior. Three hours of lecture.

POLI 460: International Politics **3 cr.**

Prerequisite: POLI 101 or consent of the department. Analysis of international relations as a political process, concluding with a review of contemporary international problems. Three hours of lecture.

POLI 481: Politics in the Cinema **3 cr.**

Prerequisite: POLI 151. Investigates how political communication occurs through film, the messages sent through film, and the influence of film in shaping or altering political attitudes. Three hours of lecture. Also listed as FILM 481.

POLI 490: Seminar in Political Science **3 cr.**

Prerequisite: Consent of department. May be repeated for credit for a maximum of six term hours. Selected topics from current problems in political science. Three hours of seminar.

POLI 492: Seminar in Non-Profit Organizations **3 cr.**

Prerequisite: Consent of the Department. Designed as a preparatory for student internships in a not-for-profit organizations by having them solve problems in areas such as finances, personnel, marketing, and risk management in a simulated organization. There will be individual/group projects. Three hours of seminar. Also listed as MADM 492, PSYC 492, and SOCL 492.

POLI 493: American Humanics Management Training Institute **1 cr.**

Prerequisite: Consent of department. Participation in the annual meeting of the American Humanics Management Training Institute. Funds for attendance are to be raised by the student. One hour of independent study. Also listed as MADM 493, and SOCL 493.

POLI 495: Independent Studies **3 cr.**

Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences and reports under the direction of a member of the political science faculty. Three hours of research.

POLI 603: Political Behavior **3 cr.**

Prerequisites: CJ 330 or SOCL 285. A study of individual political behavior, focusing on political psychology and communication, dealing with acquisition and dissemination of attitudes about politics, participation, issue preferences, and ideological and partisan attachments. Three hours of lecture.

POLI 611: American Constitutional Law **3 cr.**

Prerequisite: POLI 211. A study of the development of the United States Constitution emphasizing the role of the Supreme Court in interpreting the Constitution. Attention is devoted to the relationships and powers of the branches of the national government and to the civil liberties. Three hours of lecture.

POLI 624: United States Foreign Policy in the 20th Century **3 cr.**

A study of American foreign policy from 1900 to the present with emphasis on World War I, World War II, Korea, Vietnam, and the conduct of the Cold War and its aftermath. Three hours of lecture.

POLI 625: International Organizations **3 cr.**

An overview of the origins, roles and structures of non-state agents in international politics, including their interaction in the areas of conflict, diplomacy and law, security arrangements, and economic and other forms of integration. Three hours of lecture.

- POLI 627: Western Political Thought** **3 cr.**
A study of some of the writings of classical, medieval, Renaissance, and modern political theorists and their contribution to western political ideas. Three hours of lecture.
- POLI 634: Public Policy Evaluation** **3 cr.**
Prerequisites: POLI 201, PSYC 216. Survey of program evaluation methods and the role of evaluation in public policy-making. Three hours of lecture.
- POLI 642: Jurisprudence** **3 cr.**
An investigation into how the law describes the individual's relationship with the state and society and into the appropriateness of law's restrictions upon individual behavior. Three hours of lecture.
- POLI 660: International Politics** **3 cr.**
Analysis of international relations as a political process, concluding with a review of contemporary international problems. Three hours of lecture.
- POLI 681: Politics in the Cinema** **3 cr.**
Prerequisite: POLI 151 or consent of the department. Investigates how political communication occurs through film, the messages sent through film, and the influence of film in shaping or altering political attitudes. Leadership of discussions, involving intense investigation and explication of several films, is required. Three hours of lecture.
- POLI 690: Seminar in Political Science** **3 cr.**
Prerequisite: Consent of department. May be repeated for credit for a maximum of six term hours. Selected topics from current problems in political science. Three hours of seminar.
- POLI 695: Independent Studies** **3 cr.**
Prerequisite: Consent of the Department. May be repeated for credit for a maximum of six term hours. Readings, conferences and reports under the direction of a member of the political science graduate faculty. Three hours of research.
- POLI 790: Special Topics in Political Science** **3 cr.**
May be repeated for credit for a maximum of six term hours. Special topics are selected from current problems in political sciences. Topics vary from term to term. Three hours of seminar.

PSYCHOLOGY

- PSYC 152: Introduction to Psychology*** **3 cr.**
An introductory survey course which introduces students to the basic concepts and science of psychology. Three hours of lecture.
- PSYC 206: Educational Psychology*** **3 cr.**
Applications of psychology to the educative process. Three hours of lecture.
- PSYC 207: Child Psychology** **3 cr.**
Prerequisite: Three hours of psychology or consent of the department. Study of the physical, social, and cognitive development of the child. Course requirements include twenty hours of classroom observation in a public school. Two hours of lecture and two hours of lab.
- PSYC 208: Adolescent Psychology** **3 cr.**
Prerequisite: Three hours of psychology. Consideration of adolescent behavior in light of information available on social, physical, and psychological development. Three hours of lecture.
- PSYC 209: Lifespan Developmental Psychology** **3 cr.**
A study of growth and socio-emotional development throughout the life span, with emphasis on fundamental principles of development. Three hours of lecture.
- PSYC 212: Social Psychology** **3 cr.**
Prerequisite: Three hours of psychology. Survey of individual behavior and thought in social situations. Three hours of lecture.
- PSYC 216: Introductory Statistics for the Behavioral Sciences** **3 cr.**
Prerequisite: Three hours of college mathematics. The course introduces students to basic statistical theories and techniques used in the behavioral sciences. Topics include descriptive statistics, statistical inference, correlation and regression, "t" test, chi-square test, and analysis of variance. Three hours of lecture.
- PSYC 250: Psychology of the Mild/Moderate Handicapped Child** **3 cr.**
Prerequisites: PSYC 152 or 206 and 207. The etiology, nature, and prognosis of the mild/moderate exceptional child; discussion of specific behavior problems, therapy and management of the mild/moderate; role of social and other agencies in the education of the mild/moderate; trends in theory and practice. Three hours of lecture.
- PSYC 305: Psychology of Adjustment** **3 cr.**
An introduction to the study of adjustment mechanisms in normal individuals, plus a survey presentation of broad areas of abnormal behavior and the major personality theorists. Three hours of lecture.
- PSYC 317: Psychology Research Methods** **3 cr.**
Prerequisite: Introductory statistics or consent of the department. Introduction to the scientific method of psychology, including experimental designs, measurements, analysis, and ethics in psychological research. Emphasis on learning to critically evaluate research reports, applying the experimental method, and developing skills for preparing written proposals according to APA style conventions. Three hours of lecture.
- PSYC 350: Test and Measurement** **3 cr.**
Prerequisite: Introductory statistics course, or consent of the department. Included are categorizing psychological tests, along with their importance. Ethical considerations and use with special populations will also be discussed; statistical interpretation of scores will be reviewed. Reliability and validity will be discussed in detail, along with how to interpret them and make decisions. Information as to development and piloting tests will also be offered. Survey data, as well as the use of psychological tests in education, clinical counseling, and organizational settings will be discussed. Three hours of lecture.

- PSYC 370: Cognitive Psychology** 3 cr.
Prerequisite: PSYC 152 or 206, plus 6 hours of Psychology. An introduction to theories and research related to human cognition. Memory, attention, thinking, language, and metacognition are emphasized. Three hours of lecture.
- PSYC 401: Child Psychopathology** 3 cr.
The etiology, nature, and prognosis of psychopathology in children; discussion of specific behavior problems; therapy and management of the maladjusted; role of social and other agencies in the education of the maladjusted, trends in theory and practice. Three hours of lecture.
- PSYC 404: Personality** 3 cr.
Prerequisite: An introductory psychology course. Determinants and dynamics of personality and research theory. Three hours of lecture.
- PSYC 405: Abnormal Psychology** 3 cr.
Prerequisite: A course in Theories of Personality, or consent of the department. An introduction to psychopathological processes from the historical and clinical perspectives, including the foundations of diagnosis in relationship to causation and treatment. Three hours of lecture.
- PSYC 409: The Psychology of Exceptionality** 3 cr.
Prerequisites: An introductory psychology course or Educational Psychology, or consent of the department. The etiology, nature, and prognosis of mental retardation, learning disabilities, and other exceptionalities. A presentation of the basic research and theoretical work pertaining to the psychological aspects of exceptionality with special emphasis on the identification and remediation of learning disabilities. Three hours of lecture.
- PSYC 411: History of Modern Psychology** 3 cr.
Prerequisite: Six hours of psychology. A historical survey of psychology with special reference to schools of psychology. Three hours of lecture.
- PSYC 422: Physiological Psychology** 3 cr.
Prerequisite: Three hours of Biology. An introduction to the functioning of the nervous system with respect to sensation, perception, learning, and motivation. Three hours of lecture.
- PSYC 425: The Nature and Conditions of Human Sexual Response** 3 cr.
A review of the psychological, sociological, and physiological components, and the dynamic interaction of these forces in shaping human sexual response. Related topics to be considered include sex education, the relationship between sex and love, marital adjustment, and parenthood. Three hours of lecture.
- PSYC 426: The Psychology of Addiction** 3 cr.
A review of the field of addiction with special emphasis on personality dynamics of the addict and the emotional, behavioral, and physiological effects of substance abuse. Three hours of lecture.
- PSYC 428: Ethical, Legal, and Professional Issues in Psychology** 3 cr.
Prerequisite: Minimum of 15 hours of psychology, or consent of the department. A review of the ethical principles, standards, and guidelines governing the mental health disciplines, with a primary focus on the practice of psychology. Also included are the essential legal issues and mandates as these relate to professional ethics. Three hours of lecture.
- PSYC 430: Introduction to Clinical Psychology** 3 cr.
Prerequisite: Senior standing or consent of the department. An overview of the practice, techniques, roles, and ethics of clinical psychology. Three hours of lecture.
- PSYC 440: Psychology of Death and Dying** 3 cr.
Prerequisite: Six hours of psychology or consent of the department. A review of psychological factors relating to death and dying, death attitudes, understanding bereavement, and constructive ways of coping with death and dying. Three hours of lecture.
- PSYC 450: Introduction to Health Psychology** 3 cr.
Prerequisite: Three hours of psychology. An overview of health psychology, including principles of behavioral medicine, physiological foundation and the management of health-related behaviors. Three hours of lecture.
- PSYC 455: The Psychology of Behavior Modification** 3 cr.
Prerequisite: An introductory course in psychology or Educational Psychology. A review of the field of behavior modification, its procedures, techniques, and methods. Three hours of lecture.
- PSYC 490: Independent Reading and Research in Psychology** 3 cr.
Prerequisite: Senior standing and consent of the department. The individual student is responsible for securing the guidance of a qualified psychology department faculty member, proposing a formal course of study approved by the faculty and selecting the area of reading or research.
- PSYC 491: Psychology Field Experience** 3 cr.
Prerequisites: Senior standing, PSYC 430, availability of an appropriate placement, and consent of the department. May not be repeated. Nine hours of lab.
- PSYC 495: Seminar in Psychology** 3 - 9 cr.
Prerequisite: Senior standing and consent of the department. Selected topics from current issues and problems in psychology. May be repeated as long as the topics are different for a maximum of nine credit hours. Three hours of lecture
- PSYC 496: Dispute Resolution Strategies** 3 cr.
Prerequisites: PSYC 152 or 206 and senior standing. An introduction to specific programs and activities designed to prevent and reduce violence. Emphasis on creating cooperative learning environments where students learn negotiation and peer mediation strategies. Three hours of lecture. (Cross listed with ED 496).
- PSYC 601: Child and Adolescent Psychology** 3 cr.
Comprehensive introduction to the field of behavioral disorders of childhood and adolescence including: central issues, theoretical and methodological underpinnings, descriptions and discussions of many disorders, clinical and research data, assessment and treatment approaches. Three hours of lecture.

- PSYC 604: Personality** **3 cr.**
Prerequisites: PSYC 152 or 206 and 305 or consent of the department. Determinants and dynamics of personality and research theory. Three hours of lecture.
- PSYC 608: Counseling Exceptional Children** **3 cr.**
An introduction to the counseling techniques and procedures appropriate for counseling exceptional children and their parents. Three hours of lecture.
- PSYC 609: The Psychology of Exceptionality** **3 cr.**
Prerequisites: An introductory psychology or educational psychology course, or consent of the department. The etiology, nature and prognosis of cognitive disabilities, learning disabilities and other exceptionalities. A presentation and critical analysis of both basic and applied research pertaining to eligibility, screening, and evaluation procedures in educational contexts. Three hours of lecture.
- PSYC 611: History of Modern Psychology** **3 cr.**
Prerequisite: Six hours of psychology. A historical survey of psychology with special reference to schools of psychology. Three hours of lecture.
- PSYC 622: Physiological Psychology** **3 cr.**
Prerequisite: PSYC 152 or 206 and 216 or consent of the department. An introduction to the functioning of the nervous system with respect to sensation, perception, learning, and motivation. Three hours of lecture.
- PSYC 625: The Nature and Conditions of Human Sexual Response** **3 cr.**
Prerequisite: PSYC 152 or 206 or consent of the department. A review of the psychological, sociological, and physiological components, and the dynamic interaction of these forces in shaping human sexual response. Related topics to be considered include sex education, the relationship between sex and love, marital adjustment, and parenthood. Three hours of lecture.
- PSYC 626: The Psychology of Addiction** **3 cr.**
Prerequisite: PSYC 152 or 206 or consent of the department. A review of the field of addiction including an overview of the agents most frequently abused, with special emphasis on personality dynamics of the addict and the behavioral and physiological effects of substance abuse. Three hours of lecture.
- PSYC 630: Introduction to Clinical Psychology** **3 cr.**
Prerequisites: Consent of the department. An overview of the practice, techniques, and ethics of clinical psychology. Three hours of lecture.
- PSYC 640: Psychology of Death and Dying** **3 cr.**
Prerequisite: Six hours of psychology or consent of the department. A review of psychological factors relating to death and dying, death attitudes, understanding bereavement, and constructive ways of coping with death and dying. Three hours of lecture.
- PSYC 650: Introduction to Health Psychology** **3 cr.**
Prerequisite: Three hours of psychology. An overview of the field of Health Psychology, including principles of behavioral medicine, physiological foundations, and the management of health-related behaviors. Three hours of lecture.
- PSYC 655: The Psychology of Behavior Modification** **3 cr.**
Prerequisite: PSYC 152 or 206, or consent of the department. A review of the field of behavior modification, its procedures, techniques, and methods. Three hours of lecture.
- PSYC 690: Independent Reading and Research in Psychology** **3 cr.**
Prerequisite: Graduate standing. The individual student is responsible for securing the guidance of a qualified psychology department faculty member and for selecting the area of reading or research.
- PSYC 691: Field Experience** **3 cr.**
Prerequisites: Graduate standing, PSYC 430, availability of an appropriate placement, and consent of the department. May not be repeated. Nine hours of lab.
- PSYC 695: Seminar in Psychology** **3 - 9 cr.**
Prerequisite: Graduate standing and consent of the department. Selected topics from current issues and problems in psychology. May be repeated for credit when the topics vary. Three hours of lecture.
- PSYC 696: Dispute Resolution Strategies** **3 cr.**
Prerequisites: Graduate standing. An introduction to specific programs and activities designed to prevent and reduce violence. Emphasis on creating cooperative learning environments where students learn negotiation and peer mediation strategies. Three hours of lecture. (Cross listed with ED 696).
- PSYC 701: Introduction to Counseling Psychology** **3 cr.**
Prerequisite: Graduate standing. This course is designed to provide the student with an overview of counseling psychology as a profession. It will introduce the student to the scientist/practitioner model, and define the subject matter of counseling psychology, the target population the counseling psychologist seeks to serve, the technical tools needed for practice in the years ahead, the current unresolved issues and controversies in the field, and how these will affect the theories and techniques of the future. Three hours of lecture.
- PSYC 702: Play Therapy with Children** **3 cr.**
Prerequisite: Candidacy in either LSUS SSP or MSCP program, or consent of the department. A non-directive approach to psychotherapy with children (ages 4 to 10). Emphasis will be on play media techniques, the symbolic nature of child's play, and the emotional life of children in their unique social/family contexts. Three hours of lecture.
- PSYC 705: Advanced Psychopathology** **3 cr.**
Prerequisite: Course in personality or consent of the department. Detailed study of psychopathology and the Diagnostic and Statistical Manual of the American Psychiatric Association. Extensive readings outside of the DSM-IV are also required. Three hours of lecture.
- PSYC 706: Principles and Theories of Learning** **3 cr.**
Prerequisite: Six hours of psychology or consent of the department. A review of principles and theories of learning, the research on which they are based, and their application to the teaching/learning process and psychotherapy. Three hours of lecture.
- PSYC 707: Advanced Child Psychology** **3 cr.**
A presentation of research methodology, theory, and data on child development and behavior. Three hours of lecture.

- PSYC 708: Advanced Adolescent Psychology** 3 cr.
 Personality dynamics and development in adolescence; adaptive and maladaptive reactions to the developmental tasks and cultural pressures of adolescence. Three hours of lecture.
- PSYC 709: Advanced Human Development** 3 cr.
 A survey of human development across the lifespan through the integration of theories and current research to study physical, cognitive, and social-emotional development. Three hours of lecture.
- PSYC 710: Introduction to School Psychology** 3 cr.
 Prerequisite: Graduate standing. A survey of the professional field of school psychology covering training, practice, professional issues, research, consultation, assessment, history, and scope of the profession today. Emphasis on ethical standards guiding practice of school psychology. Three hours of lecture and 20 hours of field experience.
- PSYC 714: Program Planning and Evaluation** 3 cr.
 A study of the issues, models, and process of program planning and evaluation in educational and mental health settings. Three hours of lecture.
- PSYC 716: Intermediate Statistics** 3 cr.
 Prerequisite: Basic statistics course, or consent of department. The course offers coverage of computational procedures and elementary theories in statistics to prepare graduate students for data analysis and interpretation in psychology. The topics include tests for comparing means or proportions, confidence intervals, simple and partial correlation, simple and multiple regressions, and nonparametric tests. Three hours of lecture.
- PSYC 717: Advanced Experimental Psychology** 3 cr.
 Supervised research in general experimental psychology. The selection, design, execution, analysis, and reporting of the psychological experiment. Two hours of lecture and two hours of lab.
- PSYC 718: Introduction to Methodology and Research Design** 3 cr.
 Prerequisites: Basic statistics, or consent of department. An overview of the literature dealing with the scientific approach to research design and methodology. Three hours of lecture.
- PSYC 719: Physiological Psychology and Behavioral Neuroscience** 3 cr.
 Prerequisites: Undergraduate course in physiological Psychology or Behavioral Neuroscience, or permission of the department. This course is an advanced study of the relationship between physiological functions and human behavior. The class will draw heavily from neuroscience and neuro-imaging technology. Three hours of lecture.
- PSYC 720: Theory and Practice of Counseling Psychology** 3 cr.
 Prerequisites: Six hours of personality, and/or advanced human development courses. Study of the major counseling theories including the psychodynamic, humanistic, and cognitive-behavioral approaches, and an introduction to systems theory. Three hours of lecture.
- PSYC 721: Analysis of the Individual** 3 cr.
 Prerequisites: Graduate standing in Counseling or School Psychology, or consent of the department. Techniques and materials available for study of the individual; interpretation and synthesis of individual inventory data and their application in the counseling process. Three hours of lecture.
- PSYC 722: Group Process** 3 cr.
 Prerequisite: Introduction to Counseling or Educational Psychology. An introduction to the group process in general, as well as to the formation of a broad variety of therapeutic and counseling groups. Includes a review of theory based techniques from a variety of orientations. Three hours of lecture.
- PSYC 723: Counseling Methods and Techniques** 3 cr.
 Prerequisites: PSYC 720, or consent of the department. In-depth study of the major counseling skills, techniques, and strategies, to include assessment, interviewing, rapport-building, counseling, and termination skills, combined with appropriate laboratory/field experiences designed to illustrate the characteristics and behaviors that influence the counseling process. Three hours of lecture.
- PSYC 724: Marriage and Family Therapy** 3 cr.
 An overview of family systems theory, practice, and research. Contemporary professional issues in family therapy will also be considered. Three hours of lecture.
- PSYC 728: Ethics and Law in Counseling Psychology** 3 cr.
 Prerequisite: Twelve hours of psychology or consent of the department. A review of the ethical principles, standards, and guidelines governing the mental health disciplines, with a primary focus on the practice of counseling psychology. Also included are the essential legal issues and mandates as these relate to professional ethics. Emphasis will be placed on both the ethical decision-making process and the evolving nature of the ethics of practice. Three hours of lecture.
- PSYC 732: Social and Cultural Foundations in Counseling** 3 cr.
 Prerequisite: Three hours of counseling theory. An overview of social and cultural backgrounds of minority groups and how the various backgrounds affect an individual's participation in, and responsiveness to, counseling. Emphasis on adjusting counseling techniques to fit the social and cultural background of the client. Three hours of lecture. Also listed as ED 732.
- PSYC 733: Career and Lifestyle Development in Counseling** 3 cr.
 A survey of the basic concepts underlying the process of career development with an emphasis on theory-driven vocational assessment and counseling techniques used across the life-span. Three hours of lecture.
- PSYC 734: Applied Techniques in Family Therapy** 3 cr.
 Prerequisite: Marriage and family Therapy course, or consent of department. Application of marriage and family therapy techniques, including conjoint and inter-generational therapies. Three hours of lecture/lab.
- PSYC 740: Psychopharmacology for Practitioners** 3 cr.
 Prerequisites: PSYC 422 or PSYC 719, or consent of the department. A review of chemical neurotransmission, before a focus on medications used for the treatment of psychological disorders in children, adolescents, and adults.
- PSYC 748: Ethics and Law for School Psychologists** 3 cr.
 A survey of the ethical principles and standards as well as the law that governs the practice of school psychology. This course covers ethics, law, privacy, informed consent, assessment issues, education, 504, IDEA (IDEA 2004), counseling, therapeutic interventions, and advocacy. Three hours of lecture.

- PSYC 749: Alternative Assessment Techniques and Interventions** **3 cr.**
Prerequisite: Candidacy in the SSP program or permission of the department. Formulation of pre-referral case studies applying problem-solving models, alternative assessment approaches, intervention identification/design strategies, and student progress monitoring techniques for use with children experiencing academic difficulties. Three hours of lecture.
- PSYC 750: Psycho-educational Assessment** **3 cr.**
Prerequisites: Undergraduate Psychometrics and candidacy in school psychology, or consent of the department. Designed to provide the student with expertise in the assessment of achievement of school-aged children, and with knowledge of assessment instruments. Opportunities for administering, scoring, and interpreting tests and writing integrated psychological reports are presented. Three hours of lecture.
- PSYC 751: Psychological Assessment and Practicum I** **4 cr.**
Prerequisite: Admission to candidacy in the school psychology program or consent of the department. Training in all phases of cognitive and psycho-educational assessment and report writing with an emphasis on cognitive and social areas of assessment. Three hours of lecture and three hours of lab.
- PSYC 752: Psychological Assessment II** **3 cr.**
Prerequisite: PSYC 751. Course involves the presentation of a variety of objective and projective tests of personality. Three hours of lecture and one hour of lab.
- PSYC 753: Psychological Assessment Practicum I** **3 cr.**
Prerequisite: Candidacy SP Program. Supervised practice in cognitive assessment techniques including administration of major instruments, test interpretation and report writing. Special emphasis will be placed on professional, legal, and ethical practice. Nine hours of practicum.
- PSYC 754: Psychological Assessment Practicum II** **3 cr.**
Corequisite: PSYC 752. Prerequisites: PSYC 751. Supervised practice in the field of School Psychology, including consultation with school/community personnel, counseling, behavioral/academic intervention CBA, referral process, and multi-disciplinary team responsibilities with an emphasis on best practices within the school setting. Nine hours of practicum.
- PSYC 755: Applied Behavior Analysis** **3 cr.**
Prerequisite: Graduate standing or consent of department. Current research and applications of behavioral principles to children in school and clinical settings. Emphasis on techniques, practical, ethical, and legal considerations, and selecting appropriate interventions. Prevention and intervention strategies will be covered primarily in an applied format. Three hours of lecture.
- PSYC 757: Behavior Neuroscience** **3 cr.**
An overview of the neurophysiological, neurochemical, and neuroanatomical influences on behavior. Three hours of lecture.
- PSYC 760: Behavioral Assessment and Intervention** **3 cr.**
Current research and theory on using data to identify empirically valid and clinically indicated interventions for behavioral and academic prevention and remediation efforts, and developing and implementing effective progress-monitoring practices for selected interventions. Three hours of lecture.
- PSYC 780: Consultation in Human Development Settings** **3 cr.**
Study of models, processes, and issues of consultation and interpersonal communication in settings where human development needs and crises are managed by professionals seeking aid from psychologists. Three hours of lecture-laboratory.
- PSYC 783: Counseling Practicum** **3 cr.**
Prerequisites: Admission to candidacy and consent of the department. Supervised practice in the major counseling functions of assessment, treatment, and case management. Special emphasis will be placed on professional, legal, and ethical practice in the applied setting. Must be completed in an approved field setting for 100 clock hours.
- PSYC 786: Internship in Counseling Psychology I** **3 cr.**
Prerequisites: Completion of PSYC 783 and consent of the department. Supervised work experience in a program - approved field placement setting for one full term, for a total of 300 clock hours including one (1) hour per week of individual supervision and one and one-half (1.5) hours per week of group supervision.
- PSYC 787: Internship in Counseling Psychology II** **3 cr.**
Prerequisites: Successful completion of PSYC 786. A continuation of PSYC 786. Supervised work experience in a program - approved field placement setting for one full term, for a total of 300 clock hours including one (1) hour per week of individual supervision and one and one-half (1.5) hours per week of group supervision.
- PSYC 788: Internship in School Psychology I** **6 cr.**
Prerequisites: Candidacy in school psychology and successful completion of the comprehensive examination leading to the Specialist of School Psychology degree, and/or consent of the department. Supervised on-the-job internship in school psychology. Students will be assigned to program-approved field setting which emphasizes basic applied experiences in school psychology. Two hours of seminar and thirty hours of lab.
- PSYC 789: Internship in School Psychology II** **6 cr.**
Prerequisites: Candidacy in School Psychology and PSYC 788, or consent of the department. A continuation of PSYC 788. Supervised on-the-job internship in school psychology. Students will be assigned to program-approved field setting which emphasizes advanced experiences in school psychology. Two hours of seminar and thirty hours of lab.
- PSYC 799: Thesis in Psychology** **6 cr.**
Prerequisite: Consent of the department after being admitted to candidacy for a psychology degree. Available for six credits toward a graduate degree in psychology. Available for six credits toward a graduate degree in psychology. May not be substituted for required courses in the degree program. From one to six credits per term.

PUBLIC HEALTH

- PUBH 701 Introduction to Public Health and Health Disparities** 3 cr.
An introduction to the history of public health as well as the scope of services, politics, and budget of health care agencies at the federal, state, and local levels; evaluate the value and the implications of diversity (racial, ethnic, cultural, economic, and social) and the importance of cultural competency in addressing public health issues.
- PUBH 702 Public Health Law and Ethics** 3 cr.
An examination of both the legal powers and ethical perspectives and duties of the state that exist to assure the conditions for people to be healthy and the limits on that power to constrain the autonomy privacy, liberty, propriety, or other legally protected interests of individuals.
- PUBH 703 Public Health Leadership** 3 cr.
A review of concepts and theories of leadership, to present challenges from public health practices and research, and to discover personal leadership attributes. The content will include leadership theory as it relates to the person, organization, communities, and research.
- PUBH 704 Biology and Public Health** 3 Cr.
A review of current research and theory from molecular biology that has important implications for the current and future approach to public health. Provides understanding of the potential applications of genetic engineering to their health specialties.
- PUBH 705 Principles of Health Promotion and Intervention** 3 cr.
An overview of current issues and research associated with health promotion in the community, including the workplace and focusing on implementation and evaluation of the health promotion programs.
- PUBH 706 Public Health Nutrition** 3. Cr.
An introduction to the basic nutritional needs for public health programs with examination of the role of diet health, and disease throughout the population, including weight control and fitness issues.
- PUBH 707 Program Planning and Evaluation** 3 cr.
A comprehensive study and application of established models for planning, implementing, and evaluating small and large scale health programs. Includes preparation to develop and plan with a particular emphasis on evaluation of community-based public health programs.
- PUBH 708 Principles of Epidemiology** 3 cr.
An introduction to the skills needed by public health professionals to critically interpret the epidemiologic literature. Discusses measures of frequency and association, introduce the design and validity of epidemiologic research, and give an overview of data analysis.
- PUBH 709 Principles of Biostatistics** 3 cr.
A focus on statistical analysis in public health and health services administration. Topics include distributions, tests of significance and confidence levels, sample situations with special attention to those occurring in health education, and behavioral sciences.
- PUBH 710 Environmental Health** 3 cr.
A review of environmental risk factors of disease. Topics include community air and water pollution, occupational health, hazardous waste, pesticides and food radiation protection including approaches to assessing, controlling, and preventing these hazards.
- PUBH 712 Social and Behavioral Sciences in Public Health** 3 cr.
This course will provide the student with concepts of community health education, health promotion and disease prevention; their association with social, behavioral, and physical sciences in relation to health maintenance, optimal health, disease prevention.
- PUBH 713 Health Services Administration, Health Management, and Policy** 3 cr.
A review of health policy and management issues and their impact on organizing, financing, and delivery of public health and medical delivery systems.
- PUBH 714 Empowerment through Community Health Sciences** 3 cr.
An introduction to the theory and practice of community organizations, including models and strategies of community organization and their application to health problems and health policy.
- PUBH 717 Public Health Strategic Planning** 3 cr.
A review of strategic planning for public health program delivery; exploring such topics as vision and mission, program design, including goals and objectives, basic assumptions, and program evaluations including design of outcome measurements and benchmarking.
- PUBH 718 International Health** 3 cr.
An introduction to public health theory and practice in the context of developing countries. Topics include public health methods for analyzing the causes and patterns of disease in populations and the types of health concerns in developing countries.
- PUBH 719 Health and Diseases across Ages** 3 cr.
An examination of the major issues related to the delivery of health care services to persons with disabilities; acute and chronic conditions of all ages.
- PUBH 720 Geographic Information Systems (GIS) in Public Health** 3 cr.
The application of GIS in their public health career. Topics covered include mapping, development of geographical datasets, and data analysis from application of GIS in different disciplines of public health.
- PUBH 721 Research Methods** 3 cr.
An overview of qualitative and quantitative research methods and techniques used in designing and conducting health research of community-based public health programs.
- PUBH 780 Public Health Practicum** 3 cr.
Supervised work experience in a public health-practice setting by participation in a structured practicum experience. Students are required to complete 200 hours of practicum experience, produce a written report of the experience, and produce a structured report that describes, analyzes, and critiques the practicum experience.
- PUBH 781 Capstone** 3 cr.
A written research project under the supervision of a faculty committee. The project is written in traditional academic style or in a journal manuscript format.

PUBH 798 Thesis I**3 cr.**

Provides students with knowledge and skills to develop research questions, conduct literature review, plan for data collection, and develop a thesis proposal.

PUBH 799 Thesis II**3 cr.**

Enables students to apply methods of research to the study of Public Health issues culminating in a monograph embodying research.

RELIGIOUS STUDIES

REL 325: History of Christianity I**3 cr.**

This class is a survey course designed to provide an overview of the history of Christianity and Christian thought from the first century through the middle of the sixteenth century. In addition to providing a basic narrative history of Christianity in the West during this period, the course will involve students in exploring the thoughts of Patristic and Medieval scholars such as Origen, Augustine, and Aquinas. Three hours of lecture. Also listed as HIST 325, which cannot be taken for credit in addition to this course.

RELS 326: History of Christianity II**3 cr.**

This course is a survey of the history of Christianity from the Reformation to the present. This course emphasizes the Reformation and Counter-Reformation, the Enlightenment, and the rise of both liberalism and fundamentalism. This course focuses on the development of Christian ideas and institutions within their corresponding social, cultural, and political contexts. Three hours of lecture. Also listed as HIST 326, which cannot be taken for credit in addition to this course.

RELS 430: Special Topics in the Old Testament**3 cr.**

A variable topics course for advanced students interested in studying an Old Testament text more deeply than regular offerings permit. Each course will focus on a particular genre, author, interpretation, book, or literary critical approach. It may be repeated once for a maximum of six term-hours credit. Three hours of lecture.

RELS 440: Special Topics in the New Testament**3 cr.**

A variable topics course for advanced students interested in studying a New Testament text more deeply than regular offerings permit. It will focus on a particular genre, author, interpretation, book, or literary critical approach. It may be repeated once for a maximum of six term-hours credit. Three hours of lecture.

RELS 490: Religious Studies Seminar**3 cr.**

The course may be repeated for a maximum of six term hours. Selected topics of significance in religious thought, literature, discipline, and history vary from term to term. Three hours of seminar.

RELS 690: Religious Studies Seminar**3 cr.**

Prerequisite: Consent of the department. May be repeated for a maximum of six term hours. Students will be expected to apply broad literary, theoretical, and cultural analyses to selected topics of significance in religious thought, literature, discipline, and history. These topics will vary from term to term. Three hours of seminar

SCIENCES

SC 101: Integrated Science I**5 cr.**

An integrated approach to science with content centered on important concepts and relevant information. The process of science, organization of matter, energy and resources, and food preservation will be discussed. The course will utilize a combination of inquiry laboratories, small group discussions, and short lectures integrating all areas of science. This course is intended primarily for elementary education majors. A combination of six hours of lecture/laboratory per week.

SC 102: Integrated Science II**5 cr.**

Prerequisite: SC 101 or consent of college. An integrated approach to science with content centered on important concepts and relevant information. Radioactivity, alternative energy sources and energy efficiency will be discussed. The course will utilize a combination of inquiry laboratories, small group discussions, and short lectures integrating all areas of science. This course is intended primarily for elementary education majors. A combination of six hours of lecture/laboratory per week.

SC 103: Integrated Science**5 cr.**

Prerequisite: SC 102 or consent of college. An integrated approach to science with content centered on important concepts and relevant information. Ecosystem structure and function, organization of life, nutrification, balance and imbalance in ecosystems, and competition within ecosystems will be discussed. The course will utilize a combination of inquiry laboratories, small group discussions, and short lectures integrating all areas of science. This course is intended primarily for elementary education majors. A combination of six hours of lecture/laboratory per week.

SC 401: Earth/Space Science for Middle School Teachers**4 cr.**

Prerequisite: MATH 218. A course intended primarily for current or future middle school science teachers. Covers forces which act on the structure and evolution of the earth and the universe, including landforms and topography, history, astronomy and space exploration. Four hours of lecture/lab.

SC 480: History of Science**3 cr.**

This course covers the growth of science from Ancient Greece to the 21st century and its impact on the development of western civilization. Emphasis is placed on the biological, chemical, and physical sciences. Three hours of lecture. Also listed as SC 480.

SC 485: Contemporary Issues in Science**1 cr.**

Prerequisite: Senior standing. An investigation of contemporary issues which affect our society. An open forum for investigating the implications of decisions influenced by scientific realities and possibilities. One hour seminar.

SC 785: Issues in Science Seminar**3 cr.**

Prerequisite: Consent of the College. An examination of some of most important recent advances in science and technology and potential impacts. Three hours of lecture.

SC 790: Special Topics in Science**3 cr.**

Special topics in Science. May be repeated as topics vary from term to term up to six hours.

SC 795: Independent Study in Science	3 cr.
Independent study in Science. An independent project or study directed by an assigned faculty member.	
SC 799: Thesis	3 cr.
Research project carried out under the supervision of assigned faculty member. May be repeated.	

SOCIAL WELFARE

SW 106: Introduction to Social Work	3 cr.
A general introduction to the field and profession of social work. Historical survey, description of social welfare programs in contemporary American society, and the roles of the social worker in meeting social needs. Three hours of lecture. Also listed as SOCL 106.	
SW 280: Social Work Methods	3 cr.
An overview of the techniques which study or approach the understanding of individuals and their problems. The course will also examine techniques or approaches to social problem intervention at the societal level. Three hours of lecture. Also listed as SOCL 280.	
SW 322: Juvenile Delinquency	3 cr.
Study of delinquency, its causes, treatment, and prevention. Three hours of lecture. Also listed as SOCL 322 and CJ 322.	
SW 360: Overview of American Social Welfare	3 cr.
The interrelatedness of social welfare delivery systems at the local, state, and national level. Three hours of lecture. Also listed as SOCL 320.	

SOCIOLOGY

SOCL 105: Introductory Sociology: Basic Principles of Sociology*	3 cr.
The study of differing patterns of human relationships: analysis of group structure and social organization; application of sociological concepts to the understanding of human social behavior. Three hours of lecture.	
SOCL 106: Introduction to Social Work	3 cr.
A general introduction to the field and profession of social work. Historical survey, description of social welfare programs in contemporary American society, and the roles of the social worker in meeting social needs. Three hours of Lecture. Also listed as SW 106.	
SOCL 107: Gender, Race, and Class n Society*	3 cr.
The study of subcultural differences between males and females and between various racial and ethnic groups, of the transmission of cultural differences from generation to generation, and of the perpetuation of class, gender, and racial differences by social institutions. Three hours of lecture.	
SOCL 142: Contemporary Social Problems*	3 cr.
An analysis of current social problems, including delinquency and crime, family and community disorganization, mental illness, and intergroup relations. Three hours of lecture.	
SOCL 250: Urban Sociology*	3 cr.
The rise of the city; development and social structure of urban communities; the ecology and culture of metropolitan areas; the impact of the city on human behavior. Three hours of lecture.	
SOCL 255: Marriage and Family*	3 cr.
The study of married and family life as a social institution: the social significance of the family; and the family in transition. Three hours of lecture.	
SOCL 256: Minorities in America*	3 cr.
A survey of selected minority groups in the United States and an examination of relations between dominant and minority groups. Three hours of lecture.	
SOCL 270: Introduction to Youth and Service Organizations	1 cr.
An exploration of the development of voluntary and human service organizations in the United States with an emphasis on the national partners of the American Humanities Program. One hour of lecture.	
SOCL 280: Social Work Methods	3 cr.
An overview of the techniques which study or approach the understanding of individuals and their problems. The course will also examine techniques or approaches to social problem intervention at the societal level. Three hours of lecture. Also listed as SW 280.	
SOCL 299: Sociological Internship	3 cr.
Prerequisite: SOCL 105 or PSYCH 152. Offers the student practical experience with the Center for Learning and Research or with other agencies delivering social services. Ten hours per week of directed reading, agency work, and seminar.	
SOCL 301: Social Stratification	3 cr.
A study of the distribution of power, prestige, and position within society and its influence on behavior with emphasis on social stratification in the United States. Three hours of lecture.	
SOCL 302: Social Organization	3 cr.
Prerequisite: SOCL 105 or SOCL 107 or consent of the department. Study of structure and function of large-scale organizations. Comparisons of various types of organizations. Three hours of lecture.	
SOCL 317: Population	3 cr.
Prerequisite: SOCL 105 or SOCL 107 or consent of the department. Analysis of world-wide human population change that stresses ecological influences on social structure, plus an introduction to population methods and microcomputer simulation of social processes. Three hours of lecture.	
SOCL 320: Criminology	3 cr.
Prerequisite: SOCL 105 or SOCL 107 or consent of the department. Analysis of crime and its causes; theories of criminal and delinquent behavior. Three hours of lecture. Also listed as CJ 320.	

- SOCL 322: Juvenile Delinquency** 3 cr.
Study of delinquency, its causes treatment, and prevention. Three hours of lecture. Also listed as CJ 322 and SW 322.
- SOCL 330: Research Methods in the Social Sciences** 3 cr.
Prerequisite: CJ 107 or POLI 101 or SOCL 105 or SOCL 107. This course presents an overview of the basic methods and techniques used in social sciences research. It includes descriptive and inferential statistics, hypothesis testing, population and sample identification, data collection, statistical analysis, and research report presentation with special emphasis on the areas of criminal justice, political science, and sociology. Three hours of lectures. Also listed as CJ 330 and POLI 330.
- SOCL 360: Overview of American Social Welfare** 3 cr.
The interrelatedness of social welfare delivery systems at the local, state, and national level. Three hours of lecture. Also listed as SOCL 320.
- SOCL 392: Practicum in Non-Profit Organizations** 1 cr.
Prerequisite: Consent of department. Explores strategic planning, marketing, and communication within non-profit organizations and the particular challenges involved differing from for-profit organizations. May be repeated twice for a total of three credits. One hour of lecture and laboratory. Also listed as POLI 392, MADM 392, and PSYC 392.
- SOCL 420: Social Institutions** 3 cr.
Prerequisite: SOCL 105 or SOCL 107 or consent of the department. Analysis of major social institutions such as education, family, politics and religion. Three hours of lecture.
- SOCL 460: Social Change and the Future** 3 cr.
Prerequisite: SOCL 105 or SOCL 107 or consent of the department. Use of a knowledge of social change processes to speculate about the nature of future post-industrial or information/services societies. Three hours of lecture.
- SOCL 465: Sociological Theory** 3 cr.
A study of the major paradigms of sociological theory through a historical perspective and an examination of selected proponents. These proponents will be discussed in terms of their underlying assumptions, explanatory variables, and conceptual framework of their theories. Three hours of lecture.
- SOCL 477: Sociology of Health** 3 cr.
Prerequisite: SOCL 105, 107 or consent of the department. An assessment of the health status of various population subgroups within the United States with an emphasis on the determinants of health, management of health risks, and health behaviors in diverse populations. Three hours of lecture.
- SOCL 490: Seminar** 3 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Selected topics from current issues and problems in sociology will vary from term to term. Three hours of research.
- SOCL 491: Senior Seminar in Sociology** 3 cr.
Prerequisite: Consent of the department. The capstone course of the Sociology program. Students will be guided by faculty on a project challenging their application of sociological insight, research methodology, and data analysis. Three hours of lecture.
- SOCL 492: Seminar in Non-Profit Organizations** 3 cr.
Prerequisite: Consent of the department. Designed as a preparatory for student internships in not-for-profit organizations by having them solve problems in areas such as finances, personnel, marketing, and risk management in a simulated organization. There will be individual/group projects. Three hours of seminar. Also listed as POLI 492, PSYC 492, and MADM 492.
- SOCL 493: American Humanics Management Training Institute** 1 cr.
Prerequisite: Consent of department. Participation in the annual meeting of the American Humanics Management Training Institute. Funds for attendance are to be raised by the student. One hour of independent study. Also listed as MADM 493, and POLI 493.
- SOCL 495: Independent Studies** 3 cr.
Prerequisite: Consent of the department. Readings, conferences, and reports under the guidance of a member of the sociology faculty. May be repeated for credit for a maximum of six term hours. Three hours of research.
- SOCL 499: Field Research** 3 cr.
Prerequisites: Consent of the department. The student will be placed in a social agency and given individual supervision. Also, the student will meet in a group once each week throughout the term. Three hours of research.
- SOCL 620: Social Institutions** 3 cr.
Prerequisite: SOCL 105, SOCL 107, or consent of the department. Analysis of major social institutions such as education, family, politics and religion. Three hours of lecture.
- SOCL 660: Social Change and the Future** 3 cr.
Prerequisite: SOCL 105, SOCL 107, or consent of the department. Use of a knowledge of social change processes to speculate about the nature of future post-industrial or information/services societies. Three hours of lecture.
- SOCL 665: Sociological Theory** 3 cr.
A study of the major paradigms of sociological theory through a historical perspective and an examination of selected proponents. These proponents will be discussed in terms of their underlying assumptions, explanatory variables, and conceptual framework of their theories. Three hours of lecture.
- SOCL 677: Sociology of Health** 3 cr.
Prerequisite: SOCL 105, SOCL 107, or consent of the department. An assessment of the health status of various population subgroups within the United States with an emphasis on the determinants of health, management of health risks, and health behaviors in diverse populations. Three hours of lecture.
- SOCL 690: Seminar** 3 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Selected topics from current issues and problems in sociology will vary from term to term. Three hours of seminar.
- SOCL 695: Independent Studies** 3 cr.
Prerequisite: Consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the guidance of a member of the sociology faculty. Three hours of research.

- SOCL 699: Field Research** **3 cr.**
Prerequisite: Majors in Sociology only and consent of the department. The student will be placed in a social agency and given individual supervision; also, the students will meet in a group once each week throughout the term. Three hours of research.
- SOCL 725: Sociology of Education** **3 cr.**
Examination of the social structure and culture of schools, and of the interrelationships between educational institutions and society. Three hours of lecture.
- SOCL 790: Special Topics in Sociology** **3 cr.**
May be repeated for credit for a maximum of six hours. Special topics are selected from areas such as theory, stratification, and demography. Three hours of seminar.

SPANISH

The native of a country where Spanish is the current and official language may not enroll for credit in Spanish 101, 102, 201 or 205 before taking a placement test to determine credit and placement. A student who has some high school credit in Spanish and selects Spanish for study at the University may take a placement test in Spanish and register in the course appropriate to the score on the test (regardless of amount of credits earned in high school). Credit is granted for all courses numbered lower than the course in which the student is placed. It is recommended that a student with Spanish credits earned at another college take the placement tests for guidance in scheduling. Acceptable prerequisite course sequences: SPAN 101, 102 and 201. Spanish 201 is the usual prerequisite to all courses bearing a higher number. In some cases a student may fulfill this prerequisite by earning placement credit. The student may also seek permission of the department to enroll in such courses.

- SPAN 101: Elementary Spanish I** **3 cr.**
A beginning course for students who have no preparation in Spanish. An introduction to the fundamentals of Spanish grammar, vocabulary, and syntax, with emphasis on the four skills of reading, writing, speaking, and listening. Three hours of lecture.
- SPAN 102: Elementary Spanish II** **3 cr.**
Prerequisite: SPAN 101, or advanced standing placement. A continuation of SPAN 101 with continued emphasis on the aural-oral aspects of the language. Continuation of elementary reading selections. Three hours of lecture.
- SPAN 201: Intermediate Spanish** **3 cr.**
Prerequisite: SPAN 102 or advanced standing placement. Continued practice in reading, writing, and speaking, along with vocabulary building and review of the basic principles of grammar. Three hours of lecture.
- SPAN 205: Readings in Spanish Literature** **3 cr.**
Prerequisite: SPAN 201 or consent of the department. Readings in classical and contemporary Spanish prose. Special emphasis on comprehension as well as oral and written expression of the language. Three hours of lecture.
- SPAN 292: Study Abroad** **1-15 cr.**
Prerequisite: Consent of the department. For students enrolled in an approved academic program in a Spanish-speaking country. Upon return, LSUS equivalency may be assigned for part or all of this work. Variable credit to a maximum of 15 term hours. Grading is pass/no credit basis. In some cases tuition will need to be paid at a foreign university.
- SPAN 301: Spanish Phonetics and Conversation** **3 cr.**
Prerequisite: SPAN 201 or consent of the department. An analysis of the Spanish sound system and conversational practice. Emphasis on the special pronunciation difficulties experienced by English-speaking students of Spanish. Three hours of lecture.
- SPAN 303: Business Spanish** **3 cr.**
Prerequisite: Spanish 201 or consent of the department. Intensive oral and written practice in the language of business of Spain and Latin America. Topics include marketing, sales, accounting, finance, economics, letter writing, legal matters, business etiquette, and international business relations. Three hours of lecture.
- SPAN 304: Advanced Spanish Grammar and Composition** **3 cr.**
Prerequisite: SPAN 201 or consent of the department. Intensive study of Spanish syntax with extensive practice in oral and written communication and translation. Emphasis will be given to the special grammatical difficulties experienced by English-speaking students of Spanish. Three hours of lecture.
- SPAN 305: Medical Spanish** **3 cr.**
Prerequisite: SPAN 201. Intensive oral and written practice in Spanish as it is used in the Health care professions. Emphasis on real-world situations and role-playing exercises leading to the linguistic precision necessary for these professions. Three hours of lecture.
- SPAN 316: Spanish Culture and Civilization** **3 cr.**
Prerequisite: SPAN 201 or consent of the department. A survey of the expression of the Spanish personality through music, painting, and the plastic arts, and a study of the cultural factors that form the background for knowledgeable communication in Spanish. Three hours of lecture.
- SPAN 318: Hispanic-American Culture and Civilization** **3 cr.**
Prerequisite: SPAN 201 or consent of the department. A survey of the expression of the Hispanic-American personality through music, painting, and the plastic arts, and a study of the cultural factors that form the background for knowledgeable communication in Spanish. Three hours of lecture.
- SPAN 331: Survey of Spanish Literature I** **3 cr.**
Prerequisite: Three hours of Spanish at the 300 level, or consent of the department. A study of the development of Spanish literature from its beginning through the eighteenth century. Three hours of lecture.
- SPAN 332: Survey of Spanish Literature II** **3 cr.**
Prerequisite: Three hours of Spanish at the 300 level, or consent of the department. Readings from main authors and study of main literary movements in Spanish literature from the beginning of the nineteenth century to the present. Three hours of lecture.
- SPAN 390: Special Topics in Spanish** **3 cr.**
Prerequisite: SPAN 201 or consent of the department. Courses may include selected topics from Spanish, and Spanish literature, linguistics, culture, and the arts, or for specific professional fields. Topics will vary from term to term. May be repeated for credit for a maximum of six hours. Three hours of lecture.

- SPAN 392: Study Abroad** 1-15 cr.
Prerequisite: Consent of the department. For students enrolled in an approved academic program in a Spanish-speaking country. Upon return, LSUS equivalency may be assigned for part or all of this work. Variable credit to a maximum of 15 term hours. Grading is on a pass/no credit basis. Same as SPAN 292 except that LSUS credit is restricted to course work considered advanced. In some cases tuition will need to be paid at a foreign university.
- SPAN 403: Cervantes and the Golden Age** 3 cr.
Prerequisite: Three hours of Spanish literature at the 300 level, or consent of the department. A study of prose fiction, drama, and poetry of sixteenth and seventeenth century Spain. Special emphasis on Cervantes. Three hours of lecture.
- SPAN 404: Spanish Cinema** 3 cr.
Prerequisite: Consent of the department. The development of the cinema in Spain from the post-Civil War era to the present, with a close analysis of films by directors such as Luis Buñuel, Carlos Saura, Víctor Erice and Pedro Almodóvar. Films are in Spanish with English subtitles, and lectures and class discussions are conducted in English. Three hours of lecture. Also listed as FILM 404.
- SPAN 405: Latin American Cinema** 3 cr.
Prerequisite: Consent of the department. The development of the cinema in Latin America from its origins to the present. Films are approached in a historical, sociopolitical, literary, and aesthetic context. Films are in Spanish with English subtitles, and lectures and class discussions are conducted in English. Three hours of lecture. Also listed as FILM 405.
- SPAN 410: Spanish Literature of the Twentieth Century** 3 cr.
Prerequisite: Three hours of Spanish literature at the 300 level, or consent of the department. A study of poetry, drama, and prose fiction in Spain from the Generation of 1898 to present. Three hours of lecture.
- SPAN 419: Spanish-American Literature I** 3 cr.
Prerequisite: Three hours of Spanish literature at the 300 level, or consent of the department. A study of the development of Spanish-American literature from the colonial period through Modernism. Three hours of lecture.
- SPAN 420: Spanish-American Literature II** 3 cr.
Prerequisite: Three hours of Spanish literature at the 300 level or consent of the department. Readings from main authors and study of main literary movements in Spanish-American literature since Modernism. Three hours of lecture.
- SPAN 490: Seminar** 3 cr.
Prerequisite: Three hours of Spanish at the 300 level or consent of the department. May be repeated for credit for a maximum of six term hours. Selected topics from Latin American and Spanish literature and linguistics will vary from term to term. Three hours of seminar.
- SPAN 495: Independent Studies in Spanish** 3 cr.
Prerequisite: Three hours of Spanish literature at the 300 level and consent of the department. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports under the direction of a member of the Spanish faculty. Three hours of seminar.
- SPAN 603: Cervantes and the Golden Age** 3 cr.
A study of prose, fiction, drama, and poetry of sixteenth and seventeenth century Spain. Special emphasis on Cervantes and his influence on literature and literary studies in Europe and America. The course includes an examination of various critical and theoretical approaches to the texts. Three hours of lecture.
- SPAN 604: Spanish Cinema** 3 cr.
The development of the cinema in Spain from the post Civil War era to the present, with a close analysis of films by directors such as Luis Buñuel, Carlos Saura, Víctor Erice and Pedro Almodóvar. The course examines cinematographic schools, techniques, and innovations, as well as critical and theoretical approaches to the films. Lectures are conducted in English, and films are in Spanish with English subtitles. Written and oral assignments may be completed in English or Spanish. Three hours of lecture.
- SPAN 605: Latin American Cinema** 3 cr.
The development of the cinema in Latin America from its origins to the present. Films are approached in a historical, sociopolitical, literary, and aesthetic context with particular attention to different theoretical and critical approaches to the cinematographic texts. Lectures are conducted in English, and films are in Spanish with English subtitles. Written and oral assignments may be completed in English or Spanish. Three hours of lecture.
- SPAN 610: Spanish Literature of the Twentieth Century** 3 cr.
A study of poetry, drama, and prose fiction in Spain from the Generation of 1898 to present. The course includes literary analysis within a socio-historical context, along with an examination of a variety of critical and theoretical approaches to the texts. Three hours of lecture.
- SPAN 619: Spanish-American Literature I** 3 cr.
A study of the development of Spanish-American literature from the colonial period through Modernism. The course includes literary analysis within a socio-historical context, along with an examination of a variety of critical and theoretical approaches to the texts. Three hours of lecture.
- SPAN 620: Spanish-American Literature II** 3 cr.
Readings from main authors and study of main literary movements in Spanish-American literature since Modernism. Three hours of lecture.
- SPAN 690: Seminar** 3 cr.
Prerequisite: Graduate Standing. May be repeated for credit for a maximum of six term hours. Selected topics from Latin American and Spanish literature and linguistics will vary from term to term and will include an in-depth study of related literary history and/or theory. Three hours of seminar.
- SPAN 695: Independent Studies in Spanish** 3 cr.
Prerequisite: Graduate Standing. May be repeated for credit for a maximum of six term hours. Readings, conferences, and reports, and a learning project emphasizing critical thinking under the direction of a member of the Spanish faculty. Three hours of seminar.
- SPAN 790: Special Topics in Spanish Literature in Translation** 3 cr.
Prerequisite: Consent of the department. May be repeated for a maximum of six term hours. Special topics selected from areas such as major authors, periods, genres, influences, and critical theories. Topics vary from term to term. Three hours of seminar.

SPAN 792: Special Topics in European Literature in Translation**3 cr.**

Course is designed to acquaint students with masterpieces of Spanish and other non-English European literature(s). In- depth study of special topics (major authors, periods, genres, problems or domestic questions) varies from term to term. May be repeated for a maximum of 6 term hours. Three hours of seminar. Also listed as EULT 792.

UNIVERSITY

UNIV 100: Learning Strategies for College Success**1 cr.**

A course designed to help the student acquire and sharpen the skills necessary for success in college. Includes learning and memory, motivation, test anxiety, reading for comprehension, time budgeting, and other skills. One hour of lecture and 1 hour of lab.

UNIV 200: University Work Service**3 cr.**

Prerequisite: completion of 24 credit hours with a 2.2 cumulative GPA. The course consists of a minimum of 120 hours of employment with area businesses and organizations. An orientation session, self-paced modules, and a written final report are required. Three hours of credit on a pass/no credit basis.

UNIV 299: Study Abroad Seminar**3 cr.**

Prerequisite: Consent of the instructor. A study abroad seminar surveying selected international business activities and environments. The course uses a combination of theoretical and applied formats to expose students to selected foreign cultural, historical, and social phenomena and their role in the global context. Three hours of lecture, applied case studies, and field trips. May be repeated for an additional three credit hours if the destination is different.

WOMEN'S STUDIES

WMST 401: Women Leaders**3 cr.**

This course examines women leaders from a historical and analytical point of view, with attention to theories of leadership and their application to specific individuals. Three hours of lecture.

WMST 402: Images of Women**3 cr.**

An exploration of the ways in which women have been depicted in literature and art as a *response* to descriptions of gender and gender roles in religion, philosophy, and psychological theory from the classical period through modern times. Three hours of lecture.

WMST 405: Women in the Americas**3 cr.**

Prerequisite: Junior standing or higher. A study of women from different historical periods, racial and ethnic backgrounds, and areas of achievement, who have made significant contributions to the culture(s) of the Americas. Three hours of lecture.

WMST 455: Women and Sport**3 cr.**

A broad-based survey of topics relevant to girls' and women's participation in sport. Topics include: gender issues; major historical female figures in women's sport; government and policy, including the struggle for Title IX; media representation of women's sports; Olympics and women's sports; physiological and psychological perspectives; and future of women's sports. Three hours of Lecture. Also listed as KHS 455.

WMST 490: Special Topics**3 cr.**

Prerequisite: Junior Standing or above. May be repeated for credit for a maximum of six credit hours. Special topics selected from areas such as major authors, genres, periods, influences, or critical theories. Topics vary from term to term. Three hours of lecture.

WMST 601: Women Leaders**3 cr.**

This course examines women leaders from a historical and analytical point of view, with attention to theories of leadership and their application to specific individuals. Three hours of lecture. For undergraduate credit, see also WMST 401.

WMST 602: Images of Women**3 cr.**

An exploration of the ways in which women have been depicted in literature and art as a *response* to descriptions of gender and gender roles in religion, philosophy, and psychological theory from the classical period through modern times. For undergraduate credit, see also WMST 402. Three hours of lecture.

WMST 605: Women in the Americas**3 cr.**

A study of women from different historical periods, racial and ethnic backgrounds, and areas of achievement, who have made significant contributions to the culture(s) of the Americas. Three hours of lecture. For undergraduate credit, see also WMST 405.

WMST 655: Women and Sport**3 cr.**

A broad-bases survey of topics relevant to girls' and women's participation in sport. Topics include: gender issues; major historical female figures in women's sports; government and policy, including the struggle for Title IX; media representation of women's sports; Olympics and women's sports; physiological and psychological perspectives; and future of women's sports. May not be taken if credit for WMST 455 or KHS 455/655 has been earned. Three hours of lecture. Also listed as KHS 655.

WMST 690: Special Topics**3 cr.**

Special topics concerning women which may be selected from areas such as major authors, genres, periods, influences, or critical theories. Topics vary from term to term. Three hours of seminar.

WMST 790: Special Topics in Women's Studies**3 cr.**

Topics vary from term to term. This course explores a major author, movement, period, theory, genre or other thematic issue concerning women. May be repeated for up to 6 hours of credit. Three hours of lecture.

FACULTY

WWW.LSUS.EDU/DIRECTORY

The first academic year of service with LSUS is shown in parentheses.

Aamodt, Stephanie (1993)

Professor of Biological Sciences
Ph.D., Vanderbilt University

Agarwal, Krishna K. (1991)

Professor of Computer Science
Ph.D., State University of New York at Stony Brook

Alford, Robert (1996)

Associate Professor of Communication
M.A.F.A., Yale University

Andary, Joseph (2005)

Instructor of Mathematics
M.P.H, Biostatistics
University of Michigan

Anderson, Lawrence (1989)

Professor of English
Dean, College of Arts & Sciences
Ph.D., University of Illinois at Chicago

Arnold, Richard (2003)

Instructor of Criminal Justice
M.A., Louisiana Tech University

Bagley, Candice (1999)

Associate Professor – Professional Practice
M.Ed., LSU in Shreveport

Banks, Stephen W. (1992)

Professor of Biological Sciences
Ph.D., University of Nottingham

Batten, M. LaMoyne (1979)

Professor of Fine Arts
M.F.A., Indiana University

Bergeron, Julie (2005)

Assistant Professor of Education
Ph.D., Louisiana State University

Bible, Douglas S. (1985)

Professor of Finance
Associate Dean, College of Business, Education, &
Human Development
Chair, Dept. of Economics & Finance
Ph.D., Ohio State University

Bida, Elizabeth Zippi (1994)

Professor of Chemistry
Ph.D., University of Tennessee

Bigler, William R., Jr. (2008)

MBA Program Director
Associate Professor of Management
Ph.D., Louisiana State University

Blakeney, LaWanda J. (1993)

Associate Professor of Music
Ph.D., University of Texas

Boucher, Gary (1988)

Professor Professor of Physics
D. Eng., Louisiana Tech University

Brendler, Michael D. (1977)

Professor of Economics
Ph.D., Texas A&M University

Brennan, Stephen (1988)

Professor of English
Ph.D., Tulane University

Burden, Beverly (1994)

Associate Professor of Biology
Ph.D., University of Wisconsin-Madison

Buzgo, Matyas (2007)

Assistant Professor of Biological Sciences
Ph.D., University of Zurich

Celebi, M. Emre (2007)

Assistant Professor of Computer Science
Ph.D., University of Texas-Arlington

Chen, Kui (2008)

Asistant Professor of Chemistry
Ph.D., University of South Carolina

Clark, Carla (2001)

Associate Librarian; Head, Access Services &
Systems
M.L.I.S., Louisiana State University

Conway, Megan (1992)

Professor of French
Ph.D., Tulane University

Coombs, Christopher (2008)

Assistant Professor of Economics
Ph.D., Louisiana State University

Covington, Judith (1993)

Associate Professor of Mathematics
Ph.D., University of Southwestern Louisiana

Critcher, Adrienne P. (1982)

Professor of Computer Science
Ph.D., University of Iowa

Cvek, Urska (2004)

Associate Professor Computer Science
Sc.D., University of Massachusetts Lowell

Dai, Yong (1994)

Professor of Psychology
Ph.D., Brigham Young University

De Mello, J. Jesse (1984)

Associate Professor of Kinesiology & Health Science
Ed.D., University of Georgia

Doerr, Patricia F. (1985)

Professor of Education
Ed.D., University of Southern Mississippi

DuBose, Thomas (1990)

Associate Professor of English
Ph.D., University of Texas

Dunnavent, R. Blake (2002)

Associate Professor History
Ph.D., Texas Tech University

Easley, Linda (2005)

Director of Field Experiences, School of Education
Professor of Education
Ph.D., Louisiana State University

Erickson, Amy (2007)

Assistant Professor of Biological Sciences
Ph.D., University of South Florida

Evans, D. Cay (1992)

Professor of Education
Ph.D., University of Georgia

Evans, James M. (2000)

Assistant Librarian
Head, Technical Services
M.L.S., University of Southern Mississippi

Evans, James R. (2000)

Assistant Professor of Psychology
M.A., Louisiana Tech University
M.A., Central Michigan University

Failey, Rhonda (2000)

Assistant Professor of Psychology
Coordinator, Freshman Studies
Specialist in School Psychology, LSUS
M.Ed., LSUS

Fife, Leslie (2008)

Associate Professor of Computer Science
Chair, Dept. of Computer Science
Ph.D., University of Oklahoma

Fortenberry, Jr., John L. (2003)

Professor of Health Administration & Marketing
Chair, James K. Elrod Healthcare Administration
Ph.D., Auburn University
Ph.D. University of Manchester (UK)

Fowler, Debra (2010)

Assistant Professor of Education
M.A., University of Texas at Dallas

Franklin, Kenna (1990)

Instructor of Sociology
Director of Multicultural Affairs
M.S., University of Michigan

Gabehart, Alan D. (1993)

Librarian, Dean, Noel Memorial Library
Ed.D., Texas Tech University

Garrison, Lawrence (2007)

Assistant Professor of Education
Ed.D., Arkansas State University

Gibson, Trey (2007)

Instructor of Communications
M.A., Arkansas State University

Goodwin, Daniel (2000)

Instructor of Mathematics
M.S., Louisiana Tech University

Gossett, Dalton (1987)

Professor of Biology
Associate Dean, College of Arts & Sciences
Chair, Department of Biological Sciences
Ph.D., Texas A & M University

Green, Rachael (1989)

Associate Librarian
M.L.S., Louisiana State University

Gustavson, David (1974)

Professor of Education
Dean, College of Business, Education, & Human
Development
Ed.D., Indiana University

Gustavson, Wayne A. (1982)

Associate Professor of Chemistry
Ph.D., University of Oklahoma

Hale, W. Christopher (2007)

Assistant Professor of Criminal Justice
Ph.D. Sam Huston State University

Hanson, Gary (2000)

Assistant Professor of Environmental Science
M.S., University of New Hampshire

Harris, Terry (1988)

Associate Professor of English
Chair, Dept. of English
Ph.D., University of Missouri

Hawkins, Mary (2003)

Assistant Professor of Kinesiology & Health Science
Ph.D., University of Arkansas

Hayden, Melissa (2008)

Director of Assessment, School of Education
M.Ed., Louisiana Tech

Hays, Stanley W. (2002)

Associate Professor of Accounting
D.B.A. Louisiana Tech University

Hogue, Wayne (2003)

Director of LEAD
Instructor, Management
M.B.A., Louisiana State University in Shreveport

Hollenshead, Jean H. (1984)

Associate Professor of Psychology
Ph.D., University of Santo Tomas

Hsieh, Chengho (1989)

Professor of Finance
Ph.D., Louisiana State University

Hwang, Yong G. (1995)

Professor of Education
Ph.D., State University of New York at Buffalo

Ingold, James (1990)

Professor of Biological Sciences
Ph.D., Miami University, Ohio

Jacobs, Rosevelt (2007)

Director, Master of Public Health
Assistant Professor of Kinesiology & Health Sciences
Ph.D., California University

James, Karen (1994)

Professor of Marketing
Chair, Dept. of Management & Marketing
Ph.D., Southern Illinois University-Carbondale

Jarzabek, Mary (1990)

Instructor of Communications
M.A., Northeast Louisiana University

Joiner, Gary (1997)

Associate Professor of History
Ph.D., University of Lancaster

Jones, Gary E. (2003)

Professor of Psychology
Chair, Dept. of Psychology
Ph.D., Bowling Green State University

Jones, Kevin (2008)

Director, Specialist in School Psychology
Associate Professor of Psychology
Ph.D., Louisiana State University

Knotts, Tami (2010)

Associate Professor of Marketing
D.B.A., Louisiana Tech University

Krajewski, Lorraine A. (1983)

Professor of Management
Ph.D., Arizona State University

Krug, Kevin S. (2007)

Associate Professor of Psychology
Ph.D., Baylor University

Lake, James H. (1973)

Professor of English
Ph.D., University of Delaware

LaRue, Dorie (1989)

Professor of English
Ph.D., University of Southwestern Louisiana

Lawler, Martha M. (1999)

Associate Librarian
M.L.S., Louisiana State University

Lawley, Jeffery S. (2007)

Assistant Professor of Psychology
Ph.D., University of Southern Mississippi

Leitz, III, Robert C. (1973)

Ruth Herring Noel Endowed Chair
Curator, James Smith Noel Collection
Ph.D., Texas A&M University

Lengvarszky, Zsolt (2008)

Associate Professor of Mathematics
Ph.D., University of South Carolina

Liebert, Elisabeth (2007)

Assistant Professor of English
Ph.D., University of Otago, New Zealand

Lin, Binshan (1988)

Professor of Management
Ph.D., Louisiana State University

Lippert, Sarah Jordan (2007)

Assistant Professor of Art History
Ph.D., Penn State University

Lucas, Myron Cran (1978)

Professor of Biological Sciences
Ph.D., Washington State University

Lusk, Mary Margaret (2003)

Associate Professor of Psychology
Ph.D., Mississippi State University

Mabry, Richard (1989)

Professor of Mathematics
Ph.D., University of South Florida

Mabry, Sibylle (2001)

Visiting Professor of Management
M.B.A., LSU in Shreveport
Ph.D., Capella University

Mackowiak, Jason (1999)

Associate Professor of Fine Arts
M.F.A., Northern Illinois University

Mahdavian, Elahe (2003)

Assistant Professor of Chemistry
Ph.D., University of South Carolina

Marsala, Vincent J. (1967)

Professor of History; Chancellor
Ph.D., Louisiana State University

Martin, Rogers (1996)

Instructor of Mathematics
M.S., Louisiana Tech University

McCray, Lonnie (2000)

Instructor of English
M.A., Louisiana Tech University

McGee, Jo (2007)

Chair, Department of Accounting & Business Law
Associate Professor of Accounting
D.B.A. Louisiana Tech University

McLemore, Laura L. (2004)

Associate Curator
Archivist, Noel Memorial Library
Ph.D., University of North Texas

Menon, Sanjay (2002)

Associate Professor of Management
Ph.D., McGill University, Montreal, Canada

Meyer, Carol (2006)

Instructor of Speech
M.A. Louisiana Tech University

Miciotto, Robert J. (1997)

Medical Historian-in-Residence,
Noel Memorial Library
Ph.D., Johns Hopkins University

Mikaberidze, Alexander (2007)

Assistant Professor of History
Ph.D., Florida State University

Miralles, John (2008)

Program Director
Animation & Visual Effects
MFA, School of Visual Arts, NYC

Moore, W. Decker (1968)

Assistant Professor of Physics
M.S., Northeast Louisiana University

Morris, Cleatta (2000)

Instructor of English
M.A., Louisiana Tech University

Moseley, Wanda (2002)

Instructor of Mathematics
M.Ed., LSU-Shreveport

Moskeland, Lillian (2005)

Instructor of Foreign Languages
M.L.A., LSU in Shreveport

Nelson, Meredith G. (2001)

Associate Professor of Psychology
Director of Masters in Counseling Psychology
Ph.D., University of New Orleans

Nolan, Rebecca (1989)

Professor of Psychology
Ph.D., Texas A & M University

O'Connor, John (2008)

Associate Professor of Kinesiology & Health Science
Ph.D., Texas Woman's University

Palombo, Bernadette Jones (1995)

Professor of Criminal Justice
Chair, Department of History & Social Sciences
Ph.D., Claremont Graduate University

Parker, Jr., Frederick R., CPA (inactive) (1998)

Professor of Accounting & Business Law
L.L.M., (Taxation), New York University
L.L.M. (Health Law), University of Houston

Pederson, William D. (1981)

Professor of Political Science
Ph.D., University of Oregon

Peters, Richard (2007)

Assistant Professor of Management
Ph.D., Florida Atlantic University

Peters, Jr., William W. (1993)

Associate Librarian
M.L.S., Louisiana State University

Pierce, Kyle (2001)

Associate Professor of Kinesiology & Health Science
Director, U.S.A. Weightlifting & High Performance
Center
Ph.D., Auburn University

Polson, E. Clay (2009)

Assistant Professor of Sociology
Ph.D., Baylor University

Preston, Carole (2009)

Instructor of Management
M.B.A., LSU-Shreveport

Ray, Ruth L. (2002)

Associate Professor of Education
Chair, Department of Education
Ph.D., Colorado State University

Rubin, Harvey W. (1983)

Professor of Finance
Ph.D., Georgia State University

Sadow, Jeffrey D. (1991)

Associate Professor of Political Science
Ph.D., University of New Orleans

Salvatore, Brian A. (2003)

Associate Professor of Chemistry
Ph.D., Univ. of Pennsylvania- Philadelphia

Sereg, Ronald E. (2002)

Professional in Resident of Public Relations
M.A., Central Missouri State University

Shaughnessy, Timothy M. (2002)

Associate Professor of Economics
Ph.D., Florida State University

Simon, Michael (2008)

Instructor of Accounting
CBA Internship Director
M.B.A., St. Joseph's University

Singletary, Cathy

Assistant Professor of Education
Ph.D., Louisiana State University

Sisson, Cynthia (1994)

Professor of Physics
Chair, Dept. of Chemistry & Physics
Ph.D., University of South Carolina

Sisson, Paul (1993)

Professor of Mathematics
Provost & Vice Chancellor for Academic Affairs
Ph.D., University of South Carolina

Smith, Cecilia (2005)

Instructor of Foreign Languages
M.S., Central Michigan University-Mt. Pleasant

Smith, Kathleen (2004)

Instructor of English
M.L.A., LSU in Shreveport

Smolinski, Carl, CPA (Inactive) (1987)

Associate Professor of Accounting
D.B.A., Louisiana Tech University

Spaht, Carlos G., II (1972)

Professor of Mathematics
Ph.D., Louisiana State University

Stebbins, Kay (1990)

Associate Librarian
M.L.S., Texas Woman's University

Szarvas, Tibor (2007)

Associate Professor of Mathematics
Chair, Department of Mathematics
Ph.D., University of South Carolina

Taylor, Helen (1990)

Professor of English
Director of MLA program
Ph.D., University of Connecticut

Taylor, Raymond (1991)

Professor of Marketing
Ph.D., Southern Illinois University

Thompson, Richard (2000)

Associate Professor of Biochemistry
Ph.D., Oklahoma State University

Trutschl, Marjan (2002)

Associate Professor of Computer Science
Sc.D., University of Massachusetts Lowell

Vassar, John A. (1980)

Professor of Management
Ph.D., North Texas State University

Vassar, John S. (2000)

Associate Professor of Humanities
Chair, Dept. of Fine Arts, Foreign Languages, &
Humanities

Ph.D., Baylor University

Vines, Timothy (1989)

Associate Professor of Finance
Ph.D., University of Tennessee

Vince, Pruitt Taylor (2008)

Artist-in-Residence
Department of Communications

Walford, Lynn (1992)

Professor of Spanish
Ph.D., Louisiana State University

Webster, Linda (2008)

Professor of Communications
Chair, Dept. of Communications
Ph.D., Louisiana State University

Weeks, Kristi (2003)

Instructor of English
M.A., University of North Carolina at Charlotte

Welch, Michael (2007)

Assistant Professor of Psychology
Specialist in School Psychology, LSUS

Wesley, Curtis (2008)

Assistant Professor of Mathematics
Ph.D., Texas Tech University

White, Mary Lois (2008)

Assistant Professor of Economics
Ph.D., Florida State University

Whitlock, Laura (2003)

Associate Professor of Physics
Ph.D., University of Florida

Wickstrom, Katherine (2008)

Assistant Professor of Psychology
Ph.D., Louisiana State University

Williams, Deborah (2003)

Associate Professor of Education
Ed.D., University of Arkansas

Williams, Felicia (2009)

Associate Professor of Education
Ph.D., Virginia Tech University

Williams-Hart, Tara (2003)

Associate Professor of Biology
Ph.D., LSU Health Sciences Center

White, Cheryl (2006)

Assistant Professor of History
Ph.D., University of Lancaster

Winter, Timothy P. (1998)

Professor of Kinesiology & Health Science
Chair, Dept. of Kinesiology & Health Science
Ph.D., University of Tennessee at Knoxville

Wise, Helen K. (2001)

Associate Professor of Sociology
Ph.D., Baylor University

Wood, Julianne L. (1999)

Associate Librarian
Head, Research Services
Ph.D., University of Wisconsin, Madison

Wren, Amy Oakes (1991)

Associate Professor of Business Law
J.D., University of Arkansas

Emeriti

Alexander, Donald (1974)

Professor of Fine Arts, Emeritus

Anderson, David (1992)

Professor of Geography, Emeritus

Austin, John Aaron, Jr. (1983)

Professor of Economics, Emeritus

Barlow, Charlene Handford (1968)

Professor of Communications, Emeritus

Bates, James (1967)

Professor of Health & Physical Education Emeritus

Chair, Dept. of Health & Physical Education

Emeritus

Bates, Patricia Teel (1968)

Professor of English, Emeritus

Provost & Vice Chancellor for Academic Affairs

Benefeld, Robert L. (1973)

Professor of Psychology Emeritus

Bridger, Gale (1975)

Professor of Education, Emeritus

Byrd, Ronald (1988)

Professor of Kinesiology & Health Science, Emeritus

Carriere, Edward (1974)

Professor of Physics, Emeritus

Casperson, Luvonia (1975)

Professor of Economics, Emeritus

Cloud, Dalton L. (1967)

Professor of Communications, Emeritus

Chair, Dept. of Communications, Emeritus

Collins, Frank (1968)

Professor of Chemistry/Physics, Emeritus

Colquette, Richard L. (1974)

Librarian & Assistant Director Emeritus

Dolch, Norman (1974)

Professor of Sociology, Emeritus

Director, Emeritus

Finley, Milton (1973)

Professor of History & Social Sciences, Emeritus

Goerner, Joseph (1967)

Professor of Chemistry, Emeritus

Chair, Dept. of Chemistry, Emeritus

Goodrich, James D. (1968)

Professor of Chemistry, Emeritus

Green, Joe L. (1978)

Professor of Education, Emeritus

Guerin, Wilfred (1974)

Professor of English, Emeritus

Provost & Vice Chancellor of Academic Affairs

Hall, John G. (1967)

Professor of Agriculture, Emeritus

Hall, John W. (1968)

Professor of Geography, Emeritus

Hardy, Laurence (1968)

Professor of Biology, Emeritus

Harju, Melvin (1977)

Professor of Economics, Emeritus

Dean, College of Business

Hinze, Kenneth E. (1975)

Professor of Sociology, Emeritus

Humphreys, Hubert (1967)

Assistant Professor of History, Emeritus

Jimes, Selvestion "Sonny" (1967)

Professor of Biological Sciences, Emeritus

Jones, Charlotte A. (1984)

Professor of Economics, Emeritus

Dean, Emeritus

Kalinsky, Robert (1974)

Professor of Biological Sciences, Emeritus

Kemp, George (1970)

Professor of Psychology, Emeritus

Chair, Dept. of Psychology, Emeritus

Knighten, Merrell (1980)

Professor of English, Emeritus

Dean, College of Liberal Arts, Emeritus

Lynch, Steven (1977)

Professor of Biological Sciences, Emeritus

Marshman, Larry (1973)

Professor of Education, Emeritus

Martin, Ron (1972)

Professor of Chemistry & Physics, Emeritus

Matlock, Rex (1967)

Professor of Chemistry & Physics, Emeritus

McKinney, Alfred L. (1974)

Professor of Computer Science, Emeritus

Dean, College of Sciences

McLaurin, Ann (1973)

Professor of History, Emeritus

Dean, College of Liberal Arts

Merkle, Paul E. (1976)

Professor of Economics, Emeritus

Mills, Stuart E. (1973)

Professor of Mathematics, Emeritus

Provost & Vice Chancellor for Academic Affairs,

Emeritus

Moore, Charles William (1983)

Professor of Fine Arts, Emeritus

Mosley, Mattie J. (1967)

Professor of Library Science, Emeritus

Moss, Thomas A. (1967)

Professor of Math, Emeritus

Dean, College of Sciences

Nevill, William A. (1983)

Professor of Chemistry, Emeritus

Parker, Malcolm G. (1967)

Librarian Emeritus

Reed, Jim D. (1977)

Professor of Marketing, Emeritus

Sabin, James E. (1973)

Professor of Education, Emeritus

Sanderson, Donald (1974)

Professor of Philosophy, Emeritus

Shipp, Donald E. (1967)

Professor of Education, Emeritus

Chancellor Emeritus

Sigle, John W. (1981)

Professor of Computer Science, Emeritus

Stanley, Patricia (1986)

Professor of Psychology, Emeritus

Thompson, Alan (1968)

Professor of History, Emeritus

Tillman, Todd Y. (1969)

Assistant Professor of Management, Emeritus

Torrans, Ida Anne (1973)

Professor of Communications, Emeritus

Wilhelmi, Nancy O. (1967)

Professor of Humanities, Emeritus

Williams, Michael (1969)

Professor of German, Emeritus

Wilson, Charles (1980)

Associate Professor of Education, Emeritus

Yarbrough, Edna (1974)

Professor of Health & Physical Education, Emeritus

GLOSSARY

Academic Calendar: The official listing of important dates relative to semester/term start and end dates, deadlines and holidays.

Academic Load: The total number of semester hours for which a student is registered in one semester or summer term.

Academic Record: A history of all of the courses and other equivalent activities a student has taken and the grades he or she has received. See also "*Transcript*."

Academic Year: The period composed of fall and spring semesters.

Accreditation: The process of evaluating the academic qualifications or standards of an institution or program of study in accordance with pre-established criteria. Such accreditation is provided by one of the regional accrediting commissions of the various associations of schools and colleges for the institution or by an appropriate national association for a specific area. Most areas of study do not have accrediting agencies.

Advanced Placement: Approved admittance into a course beyond entry level as a result of demonstrated subject proficiency.

Advanced Standing: A procedure by which a student not formally enrolled in a course may receive credit for the course by passing a departmentally-administered test on the subject.

Adviser: A member of the University faculty or staff charged with the responsibility of interpreting academic requirements, developing course schedules, providing personal, academic, or career information, and monitoring adjustment to college and academic progress.

Approved Elective: Course selected by the student and approved by his or her dean or designated adviser for the student's degree program; frequently from a restricted list of options.

Area of Concentration: The primary content areas of study in the Bachelor of General Studies degree program, not a major.

Articulation Agreement: Document that identifies courses that should be taken at one institution for degree completion at another institution.

Audit: To enroll in a course without the intention of receiving academic credit.

Auditor: A student who is officially enrolled in one or more courses for no credits.

Bulletin: A publication coordinated by Office of Admissions and Records that includes a list of courses and sections for a specific semester/term, information about registration, the final examination schedule, and the academic calendar.

Class Schedule: See "*Bulletin*."

Classification: A means of identifying the student by year of study and by course load. See "*Freshman*," "*Sophomore*," "*Junior*," "*Senior*," "*Graduate Student*," "*Full-time Student*," "*Part-time Student*," "*Auditor*."

College: At LSUS, one of four major academic divisions within the University that offers specialized curricula.

Concentration: an alternative track of courses within a Major or Option, accounting for at least 30% of the Major requirements. Concentrations may be instituted by the affected system and campus without prior approval by the Board of Regents.

Core Requirements: See "GENERAL EDUCATION REQUIREMENTS."

Co-requisite: A course that must be taken during the same semester/term as another course.

Course: A prescribed unit of study or instruction (credit or non-credit) that is normally presented through a series of scheduled meetings of a class.

Course Load: The number of semester hours a student schedules in a given term.

Course Number: A three-digit system used to identify each course within an academic area. The first digit identifies the level of the course: 1 for freshman, 2 for sophomore, 3 for junior, 4 for senior, and those 5 and above for graduate-level courses. The last two digits are the unique identifiers for each course at the assigned level.

Credit: The unit of measure awarded for the successful completion of coursework. A minimum of 128 semester hours is required in each bachelor's degree curriculum.

Credit hours: The quantitative measure given to a course as stated in semester hours. See "*Semester Hour*."

Cumulative Grade Point Average: A student's grade point average for all college work based on the total number of quality points earned and the total number of semester hours attempted. See "*Grade Point Average*."

Curriculum: A program of courses comprising the formal requirements for a degree in a particular field of study.

Curriculum Sheet: A check sheet used by advisers to track the student's progress toward completion of a degree program.

Degree Plan: An evaluation, usually made no later than the beginning of the junior year by the student and adviser, of academic work completed and courses required for graduation.

Department: An instructional division within a college, such as Department of English in the College of Arts and Sciences.

Division of Continuing Education and Public Service: An administrative unit that offers noncredit courses on campus and throughout the Ark-La-Tex as well as arranges for off-campus credit courses.

Drop: Official withdrawal from a course while the student is still enrolled in other courses. A student's failure to attend class does not of itself constitute dropping that course.

Elective: Course chosen by the student, or by the student and designated adviser, as opposed to a required course. The term "elective," without a qualifier, will be understood to be a free elective, chosen by the student at his or her option from all the courses offered by the University for degree credit, with due regard for prerequisites.

Equivalent: When used in a course prerequisite, either credit in a comparable course or adequate preparation by other experience. Determination of equivalency is left to the discretion of individual departments.

Freshman: A student with fewer than 30 semester hours of credit earned.

Full-time Student: An undergraduate student enrolled for 12 or more hours of resident credit in a regular semester or 6 or more hours of resident credit in a summer term or a graduate student enrolled for 9 or more hours of resident credit in a regular semester or 6 or more hours of resident credit in a summer term.

General Education Requirements: Courses and other requirements which must be met by all candidates for any bachelor's degree.

Good Standing: A status assumed or stated that a student is eligible to continue at or return to an institution unless noted otherwise.

Grade Point Average (GPA): A mathematical measurement of academic performance, computed by multiplying quality points by credit hours for courses in a semester, a major, or a total program; adding them; and dividing the sum by semester hours attempted.

Grade points: See "*Quality Points*."

Graduate Student: A student who has received a baccalaureate degree and has been officially admitted to graduate study.

Independent Study: A method of instruction in which studies by individual students are carried on with a minimum of external guidance.

Junior: A student with at least 60 semester hours of credit.

Lower Level: Freshman and sophomore level courses at LSUS that begin with a 1 or 2.

Major: Primary field of study. There is no "major" in the General Studies program. See "*Area of Concentration*."

Matriculation: The state of being registered for coursework.

Minor: The student's field of secondary academic emphasis.

No Preference: The state of being registered for credit and working toward a degree but undecided yet as to a major.

Part-time Student: An undergraduate student enrolled for fewer than 12 hours of resident credit in a regular semester or fewer than 6 hours of resident credit in a summer term or a graduate student enrolled for fewer than 9 hours of resident credit in a regular semester or fewer than 6 hours of resident credit in a summer term.

Prerequisite: Requirement to be met before a certain course may be taken. May be in the form of specific coursework or approval of the department chair in instances where "consent of the department" is required.

Probation (academic or disciplinary): A status assigned because of unsatisfactory grades or conduct.

Quality Point: Numerical value assigned to each letter grade when given as the final grade in a course, which provides a basis for determination of a grade point average. At LSUS "A" = 4, "B" = 3, "C" = 2, "D" = 1, and "F" = 0. In a 3-credit-hour course, a "B," or 3, is multiplied by 3; a "C," or 2, is multiplied by 3; etc.

Re-entry Student: An LSUS student who returns to take additional coursework, and who has remained out of school one or more semesters (fall and/or spring), and has not taken coursework at another college or university during the intervening periods of enrollment. For students who did take coursework elsewhere, see "*Transfer Student*."

Residency: (1) Source of courses studied: To earn an LSUS degree, a student must successfully complete a minimum number of the final hours of academic work through LSUS course offerings. (See "*Semester Hour Requirements*" for more information.) (2) Residency status: determined by location of a student's official domicile and other factors, is used as a basis for determining tuition charges.

Resignation: The official process by which a student withdraws from all courses during a university semester or summer term. The withdrawal is usually initiated by the student, but may be done in certain instances by university personnel. See also "*Drop*."

Registration: The process by which a duly admitted student, upon payment of required fees, is enrolled in classes.

Section: Specific designation (beyond the course number) of each course offering that distinguishes room location, meeting time, and instructor.

Selected Topics Course: A course whose subject matter may vary from semester to semester; it may include

current or special topics. The instruction may be by seminar, lecture, or some other method.

Semester Hour: The unit by which coursework is measured. The number of semester hours assigned to a lecture course usually is determined by the number of hours the class meets per week.

Seminar: A method of instruction in which a group of students engaged in research or advanced study meets under the guidance of one or more faculty members of the University for presentation and discussion of approved topics.

Senior: A student with at least 90 semester hours of credit earned.

Sophomore: A student with at least 30 semester hours of credit earned.

Special Topics: A term describing possible subject matter in selected topics courses or in other course types.

Student number: A student's social security number is his or her permanent identification.

Student Schedule: The sections of courses in which a student is enrolled.

Suspension (academic or disciplinary): A university-assigned status that prohibits students from registering for courses for a specified time period. See also "*Probation*"

Transcript: The continuous, formal, and official record of a student's academic work at a university. See also "*Academic Record*."

Transfer Student: A student who terminates enrollment in another college or university and subsequently enrolls in LSUS.

Trial Schedule: A form used to indicate a student's preliminary schedule that is developed as a result of a meeting between the student and his or her academic adviser.

Upper Level: Courses offered at the junior and senior levels designated by a course number beginning with a 3 or 4. Students who have not satisfactorily completed 60 hours are generally prohibited from enrolling in courses at this level.

Upper classman: Any undergraduate who is classified as a sophomore, junior, or senior.

Withdrawal: See "*Resignation*."

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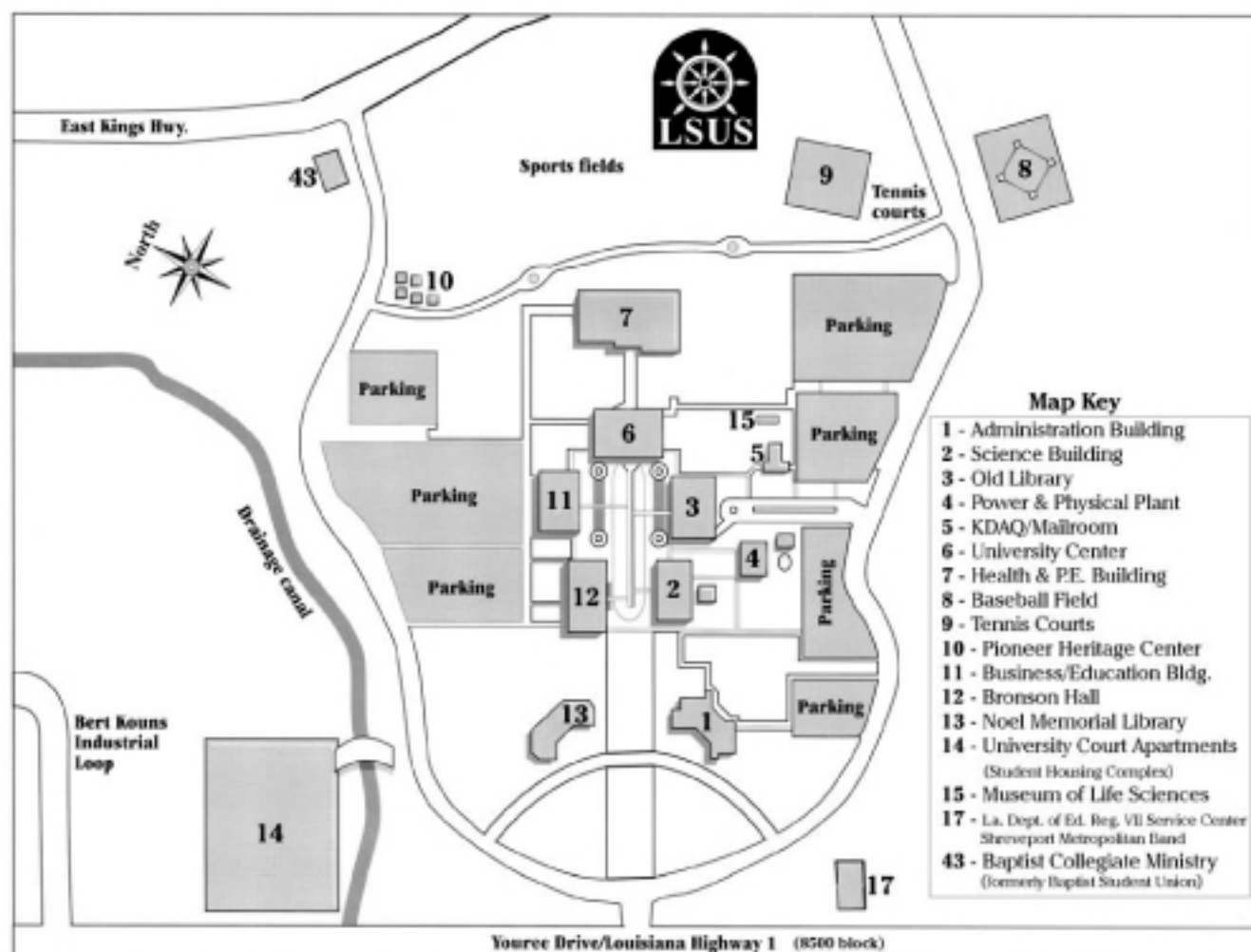
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LSUS is in Shreveport on Youree Drive/Louisiana Highway 1. The campus is located just south of the intersection of Youree Drive and Bert Kouns Industrial Loop. The address for all departments is: One University Place, Shreveport, LA 71115-2399. The central switchboard number is 318-797-5000. Office hours are 8 a.m. to 4:30 p.m., Monday through Friday. For more information, go to the Web site: www.lsus.edu

