



GRAMBLING STATE UNIVERSITY  
**GENERAL CATALOG**

**2005-2007**

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UNDERGRADUATE & GRADUATE  
[www.gram.edu](http://www.gram.edu)

# **GRAMBLING STATE UNIVERSITY**

## **OF**

### **GRAMBLING, LOUISIANA**

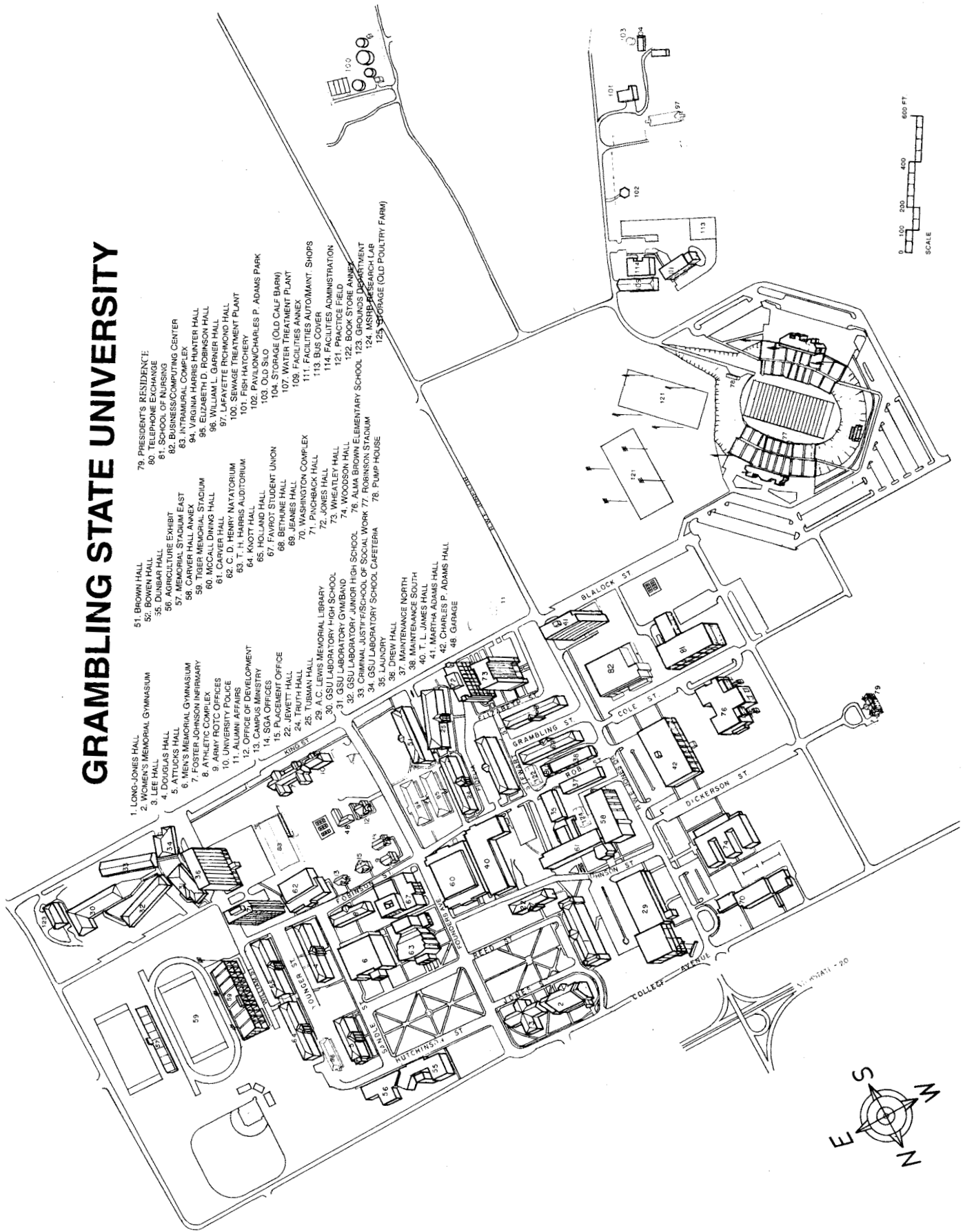
*Where Everybody Is Somebody*



GRAMBLING STATE UNIVERSITY IS AN EQUAL OPPORTUNITY INSTITUTION  
OF HIGHER EDUCATION WITH FACILITIES ACCESSIBLE TO THE DISABLED

**ANNOUNCEMENTS FOR THE ACADEMIC YEARS**  
**2005-2007**

# GRAMBLING STATE UNIVERSITY



- 1. LONG-JONES HALL
- 2. WOMEN'S MEMORIAL GYMNASIUM
- 3. LEE HALL
- 4. DOUGLAS HALL
- 5. ATTUCKS HALL
- 6. MEN'S MEMORIAL GYMNASIUM
- 7. JOHNSON INFIRMARY
- 8. ATHLETIC OFFICES
- 9. ARMY ROTC OFFICES
- 10. UNIVERSITY POLICE
- 11. ALUMNI AFFAIRS
- 12. OFFICE OF DEVELOPMENT
- 13. CAMPUS MINISTRY
- 14. SGA OFFICES
- 15. PLACEMENT OFFICE
- 22. JEWETT HALL
- 24. TRUTH HALL
- 25. TUBMAN HALL
- 29. A.C. LEWIS MEMORIAL LIBRARY
- 30. GSU LABORATORY HIGH SCHOOL
- 31. GSU LABORATORY GYMNASIUM
- 32. GSU LABORATORY JUNIOR HIGH SCHOOL
- 33. GSU JUSTICE SCHOOL OF SOCIAL WORK
- 34. GSU LABORATORY SCHOOL CAFETERIA
- 35. LAUNDRY HALL
- 36. DREW HALL
- 37. MAINTENANCE NORTH
- 38. MAINTENANCE SOUTH
- 40. T. L. JAMES HALL
- 41. MARTHA ADAMS HALL
- 42. CHARLES P. ADAMS HALL
- 48. GARAGE
- 51. BROWN HALL
- 52. BOWEN HALL
- 53. DUNBAR HALL
- 56. AGRICULTURE EXHIBIT
- 57. MEMORIAL STADIUM EAST
- 58. TIGER MEMORIAL STADIUM
- 60. MCCALL DINING HALL
- 61. CARVER HALL
- 62. C. D. HENRY NATATORIUM
- 63. THOMAS AUDITORIUM
- 64. HOLLAND HALL
- 65. KAY HALL
- 67. FAUVOT STUDENT UNION
- 68. BETHUNE HALL
- 69. JEANES HALL
- 70. WASHINGTON COMPLEX
- 71. PINCHBACK HALL
- 72. JONES HALL
- 73. WHEATLEY HALL
- 74. WOODSON HALL
- 76. ALMA BROWN ELEMENTARY SCHOOL
- 77. ROBINSON STADIUM
- 78. PUMP HOUSE
- 79. PRESIDENT'S RESIDENCE
- 80. TELEPHONE EXCHANGE
- 81. SCIENCE CENTER
- 82. BUSINESS CENTER
- 83. INTRAMURAL COMPLEX
- 84. VIRGINIA HARRIS HUNTER HALL
- 95. ELIZABETH D. ROBINSON HALL
- 96. WILLIAM L. GARNER HALL
- 97. LAFAYETTE RICHMOND HALL
- 100. SEWAGE TREATMENT PLANT
- 101. FISH HATCHERY
- 102. PAVILION/CHARLES P. ADAMS PARK
- 103. OLD SILO
- 104. STORAGE (OLD CALF BARN)
- 107. WATER TREATMENT PLANT
- 108. FACILITIES ANNEX
- 111. FACILITIES AUTOMOUNT. SHOPS
- 112. COVER
- 114. FACILITIES ADMINISTRATION
- 121. POLICE STATION
- 122. BOOK STORE
- 123. GROUND'S DEPARTMENT
- 124. MSHB RESEARCH LAB
- 125. STORAGE (OLD POULTRY FARM)

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## **2005-2007 GENERAL CATALOG UNDERGRADUATE/GRADUATE**

This *Grambling State University General Catalog* serves as both the undergraduate and the graduate catalog for GSU. This catalog contains the current curricula, educational plans, offerings, and requirements that 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 that may be accepted by students through registration and enrollment in the University. The University reserves the right to change any provision, offering, or requirement at any time within the student's period of study at the University. The University further reserves the right (1) to involve students in experimentation designed to improve the curriculum and (2) to require a student to withdraw from the University for cause at any time.

The Board of Supervisors for the University of Louisiana System assures equal opportunity for all qualified persons without regard to race, color, sex, national origin, age, religion, disability, or veteran's status in the admission to, participation in, or employment in its program and activities.

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# ACADEMIC CALENDAR

## 2005 FALL SEMESTER

August 14, Sunday .....	Residence Halls Open/Meeting of New Students with the President
August 14-19, Sunday-Friday.....	New Student Orientation Week
August 15-16, Monday-Tuesday.....	Registration for New Undergraduate Students
August 17-18, Wednesday-Thursday .....	Registration for New Graduate Students
August 19-31, Friday-Wednesday .....	Late Registration (late fee of \$100 applies)
August 22, Monday.....	Classes Begin
August 31, Wednesday.....	Last Day to Register or Add Courses
September 5, Monday.....	Labor Day Holiday
September 9, Friday.....	Final Day for Submitting Application for 2005 Fall Graduation
September 25, Sunday.....	Founder's Day
October 10-14, Monday-Friday.....	Mid-Semester Examinations
October 17, Monday.....	Rising Junior Examination
October 18, Tuesday.....	Mid-Semester Grades Due
October 24-29, Monday-Saturday .....	Homecoming Week
October 28, Friday.....	Last Day to Drop Classes for Fall Term
October 29, Saturday.....	Homecoming Football Game, Texas Southern University
October 31-November 4, Monday-Friday.....	Registration of Continuing Students for 2006 Spring Semester
November 7-11, Monday-Friday.....	Application for 2006 Spring Graduation Due
November 23, Wednesday-12:00 noon.....	Thanksgiving Holiday Begins
November 28, Monday-8:00 a.m.....	Thanksgiving Holiday Ends
November 30, Wednesday .....	Last Day of Classes
December 1-2, Thursday-Friday .....	Reading Period
December 5-6, Monday-Tuesday .....	Final Examinations for Candidates for Graduation
December 5-9, Monday-Friday.....	Final Examinations
December 8, Thursday .....	Deadline for Submitting Grades for Candidates for Graduation
December 12, Monday.....	Deadline for Submission of Final Grades
December 16, Friday.....	COMMENCEMENT
December 16, Friday.....	Fall Semester Ends

## 2006 SPRING SEMESTER

January 8, Sunday.....	Residence Halls Open/Meeting of New Students with the President
January 9-10, Monday-Tuesday .....	Registration for New Undergraduate Students
January 11-12, Wednesday-Thursday .....	Registration for New Graduate Students
January 13-20, Friday-Friday .....	Late Registration (late fee of \$100 applies)
January 16, Monday.....	Martin Luther King, Jr. Holiday
January 17, Tuesday .....	Classes Begin
January 20, Friday .....	Last Day to Register or Add Courses
February 3, Friday.....	Final Day for Submitting Application for 2006 Spring Graduation
February 27-March 1, Monday-Wednesday.....	Mardi Gras Holidays
March 2, Thursday.....	Classes Resume
March 6-10, Monday-Friday.....	Mid-Semester Examinations

March 13, Monday ..... Rising Junior Examination  
 March 14, Tuesday ..... Mid-Semester Grades Due  
 March 17, Friday..... Last Day to Drop Classes for Spring Semester  
 March 20-24, Monday-Friday ..... Registration of Continuing Students for 2006 Fall Semester  
 March 27-31, Monday-Friday ..... Registration of Continuing Students for 2006 Summer Term  
 April 3-7, Monday-Friday ..... Application due for 2006 Summer Graduation Due  
 April 7, Friday ..... Spring Break Begins at the End of the Day  
 April 18, Tuesday (8:00 a.m.) ..... Spring Break Ends  
 May 3, Wednesday ..... Last Day of Classes  
 May 4-5, Thursday-Friday ..... Reading Period  
 May 8-9, Monday-Tuesday ..... Final Examinations for Candidates for Graduation  
 May 8-12, Monday-Friday..... Final Examinations  
 May 12, Friday ..... Deadline for Submitting Grades for Candidates for Graduation  
 May 16, Tuesday ..... Deadline for Submission of Final Grades  
 May 21, Sunday ..... COMMENCEMENT  
 May 21, Sunday..... Spring Semester Ends

**2006 SUMMER SESSION I**

(Both Sessions I and II include Saturday Classes)

May 22, Monday ..... Registration  
 May 23, Tuesday ..... Classes Begin  
 May 23-25, Tuesday-Thursday ..... Late Registration (late fee of \$100 applies)  
 May 25, Thursday ..... Last Day to Register for Session I  
 June 2, Friday ..... Final Day for Submitting Application for 2006 Summer Graduation  
 June 9, Friday ..... Last Day to Drop Courses  
 June 20, Tuesday ..... Last Day of Classes  
 June 21-22, Wednesday-Thursday ..... Final Examinations  
 June 23, Friday..... Final Grades Due

**2006 SUMMER SESSION II**

June 24, Saturday..... Registration  
 June 25, Monday ..... Late Registration (late fee of \$100 applies)  
 June 25, Monday ..... Classes Begin  
 June 28, Thursday ..... Last Day to Register for Session II  
 July 10, Monday ..... Last Day to Drop Courses  
 July 24, Monday ..... Last Day of Classes  
 July 25, Tuesday..... Final Examinations for Candidates for Graduation  
 July 25-26, Tuesday-Wednesday ..... Final Examinations  
 July 26, Wednesday ..... Final Grades for Candidates for Graduation  
 July 28, Friday ..... COMMENCEMENT  
 July 28, Friday..... Summer Term Ends

## 2006 FALL SEMESTER

August 13, Sunday .....	Residence Halls Open/Meeting of New Students with the President
August 14-15, Monday-Tuesday .....	Registration of New Undergraduate Students
August 16-17, Wednesday-Thursday .....	Registration of New Graduate Students
August 18-25, Friday-Friday .....	Late Registration (late fee of \$100 applies)
August 21, Monday .....	Classes Begin
August 25, Friday .....	Last Day to Register or Add Courses
September 4, Monday .....	Labor Day Holiday
September 8, Friday .....	Final Day for Submitting Application for 2006 Fall Graduation
September 24, Sunday .....	Founder's Day
October 9-13, Monday-Friday .....	Mid-Semester Examinations
October 16, Monday .....	Rising Junior Examination
October 17, Tuesday .....	Mid-Semester Grades Due
October 27, Friday .....	Last Day to Drop Courses for Fall Term
October 30-November 4, Monday-Saturday .....	Homecoming Week
November 4, Saturday .....	Homecoming Football Game, Alabama State University
November 6-10, Monday-Friday .....	Registration of Continuing Students for 2007 Spring Semester
November 13-17, Monday-Friday .....	Application for 2007 Spring Graduation Due
November 22, Wednesday-12:00 noon .....	Thanksgiving Holidays Begin
November 27, Monday-8:00 A.M. ....	Thanksgiving Holidays End
November 29, Wednesday .....	Last Day of Classes for Fall Semester
November 30-December 1, Thursday-Friday .....	Reading Period
December 4-5, Monday-Tuesday .....	Final Examinations for Candidates for Graduation
December 4-8, Monday-Friday .....	Final Examinations
December 8, Friday .....	Deadline for Submitting Grades for Candidates for Graduation
December 12, Tuesday .....	Deadline for Submission of Final Grades
December 15, Friday .....	COMMENCEMENT
December 15, Friday .....	Fall Semester Ends

## 2007 SPRING SEMESTER

January 7, Sunday .....	Residence Halls Open/Meeting of New Students with the President
January 8-9, Monday-Tuesday .....	Registration of New Undergraduate Students
January 10-11, Wednesday-Thursday .....	Registration of New Graduate Students
January 12-19, Friday-Friday .....	Late Registration (late fee of \$100 applies)
January 15, Monday .....	Martin Luther King, Jr. Holiday
January 16, Tuesday .....	Classes Begin
January 19, Friday .....	Last Day to Register or Add Courses
February 2, Friday .....	Final Day for Submitting Application for 2007 Spring Graduation
February 19-21, Monday-Wednesday .....	Mardi Gras Holiday
February 22, Thursday .....	Classes Resume
March 5-9, Monday-Friday .....	Mid-Semester Examinations
March 12, Monday .....	Rising Junior Examination
March 13, Tuesday .....	Mid-Semester Grades Due
March 16, Friday .....	Last Day to Drop Classes for Spring Term
March 19-23, Monday-Friday .....	Registration of Continuing Students for 2007 Fall Semester



March 26-30, Monday-Friday ..... Registration of Continuing Students for 2007 Summer Term  
 March 30, Friday ..... Spring Break begins at the End of the Day  
 April 10, Tuesday (8:00 a.m.) ..... Spring Break Ends  
 April 10-13, Tuesday-Friday ..... Applications due for 2007 Summer Graduation  
 May 2, Wednesday ..... Last Day of Classes  
 May 3-4, Thursday-Friday ..... Reading Period  
 May 7-8, Monday-Tuesday ..... Final Examinations for Candidates for Graduation  
 May 7-11, Monday-Friday ..... Final Examinations  
 May 11, Friday ..... Deadline for Submitting Grades for Candidates for Graduation  
 May 15, Tuesday ..... Deadline for Submission of Final Grades  
 May 20, Sunday ..... COMMENCEMENT  
 May 20, Sunday ..... Spring Semester Ends

**2007 SUMMER SESSION I**

(Both Sessions I and II include Saturday Classes)

May 21, Monday ..... Registration  
 May 22, Tuesday ..... Classes Begin  
 May 22-24, Tuesday-Thursday ..... Late Registration (late fee of \$100 applies)  
 May 24, Thursday ..... Last Day to Register for Session I  
 June 4, Monday ..... Last Day to Drop Classes  
 June 8, Friday ..... Final Day for Submission of Applications for 2007 Summer Graduation  
 June 19, Tuesday ..... Last Day of Classes  
 June 20-21, Wednesday-Thursday ..... Final Examinations  
 June 22, Friday ..... Final Grades Due

**2007 SUMMER SESSION II**

June 23, Saturday ..... Registration  
 June 25, Monday ..... Classes Begin  
 June 25-28, Monday-Thursday ..... Late registration (late fee of \$100 applies)  
 June 28, Thursday ..... Last Day Register for Summer Session II  
 July 9, Monday ..... Last Day to Drop Classes  
 July 23, Monday ..... Last Day of Classes  
 July 24, Tuesday ..... Final Examinations for Candidates for Graduation  
 July 25, Wednesday ..... Final Examinations  
 July 25, Wednesday ..... Final Grades for Candidates for Graduation  
 July 26, Thursday ..... Final Grades Due  
 July 27, Friday ..... COMMENCEMENT  
 July 27, Friday ..... Summer Term Ends

## 2007 FALL SEMESTER

August 12, Sunday .....	Residence Halls Open/Meeting of New Students with the President
August 13-14, Monday-Tuesday .....	Registration of New Undergraduate Students
August 15-16, Wednesday-Thursday .....	Registration of New Graduate Students
August 17-24 Friday-Friday .....	Late Registration (late fee \$100 applies)
August 20, Monday .....	Classes Begin
August 24, Friday .....	Last Day to Register or Add Classes
September 3, Monday .....	Labor Day Holiday
September 7, Friday .....	Final Day for Submitting Application for 2007 Fall Graduation
September 23, Sunday .....	Founder's Day
October 8-12, Monday-Friday .....	Mid-Semester Examinations
October 15, Monday .....	Rising Junior Examination
October 16, Tuesday .....	Mid-Semester Grades Due
October 22-27, Monday-Saturday .....	Homecoming Week
October 26, Friday .....	Last Day to Drop Classes for Fall Term
October 27, Saturday .....	Homecoming Football Game, Texas Southern University
October 29-November 2, Monday-Friday .....	Registration of Continuing Students for 2008 Spring Semester
November 5-9, Monday-Friday .....	Application for 2008 Spring Graduation Due
November 21, Wednesday-12:00 noon .....	Thanksgiving Holiday Begins
November 26, Monday-8:00 a.m. ....	Thanksgiving Holiday Ends
November 28, Wednesday .....	Last Day of Classes
November 29-30, Thursday-Friday .....	Reading Period
December 3-4, Monday-Tuesday .....	Final Examinations for Candidates for Graduation
December 3-7, Monday-Friday .....	Final Examinations
December 7, Friday .....	Deadline for Submitting Grades for Candidates for Graduation
December 11, Tuesday .....	Deadline for Submission of Final Grades
December 14, Friday .....	COMMENCEMENT
December 14, Friday .....	Fall Semester Ends

## 2008 SPRING SEMESTER

January 6, Sunday .....	Residence Halls Open/Meeting of New Students with the President
January 7-8, Monday-Tuesday .....	Registration of New Undergraduate Students
January 9-10, Wednesday-Thursday .....	Registration of New Graduate Students
January 11-18, Friday-Friday .....	Late Registration (late fee of \$100 applies)
January 14, Monday .....	Classes Begin
January 18, Friday .....	Last Day to Register or Add Courses
January 21, Monday .....	Martin Luther King, Jr. Holiday
January 22, Tuesday .....	Classes Resume
February 1, Friday .....	Final Day for Submitting Application for 2008 Spring Graduation
February 4-6, Monday-Wednesday .....	Mardi Gras Holiday
February 7, Thursday .....	Classes Resume
March 3-7, Monday-Friday .....	Mid-Semester Examinations
March 10, Monday .....	Rising Junior Examination
March 11, Tuesday .....	Mid-Semester Grades Due
March 14, Friday .....	Last Day to Drop Classes for Spring Term

March 14, Friday ..... Spring Break begins at the End of the Day  
 March 25, Tuesday (8:00 a.m.)..... Spring Break Ends  
 March 25-31, Tuesday-Monday ..... Registration of Continuing Students for 2008 Fall Semester  
 April 1-7, Tuesday-Monday ..... Registration of Continuing Students for 2008 Summer Term  
 April 7-11, Monday-Friday..... Applications due for 2008 Summer Graduation  
 April 30, Wednesday..... Last Day of Classes  
 May 1-2, Thursday-Friday ..... Reading Period  
 May 5-6, Monday-Tuesday ..... Final Examinations for Candidates for Graduation  
 May 5-9, Monday-Friday..... Final Examinations  
 May 9, Friday ..... Deadline for Submitting Grades for Candidates for Graduation  
 May 18, Sunday ..... COMMENCEMENT  
 May 18, Sunday..... Spring Semester Ends

**2008 SUMMER SESSION I**

(Both Sessions I and II include Saturday Classes)

May 19, Monday ..... Registration  
 May 20, Tuesday ..... Classes Begin  
 May 20-22, Tuesday-Thursday ..... Late Registration (late fee of \$100 applies)  
 May 22, Thursday ..... Last Day to Register for Session I  
 June 2, Monday ..... Last Day to Drop Classes  
 June 6, Friday ..... Final Day for Submission of Application for 2008 Summer Graduation  
 June 17, Tuesday ..... Last Day of Classes  
 June 18-19, Wednesday-Thursday ..... Final Examinations  
 June 20, Friday ..... Final Grades Due

**2008 SUMMER SESSION II**

June 21, Saturday..... Registration  
 June 23, Monday ..... Classes Begin  
 June 23-25, Monday-Wednesday ..... Late registration (late fee of \$100 applies)  
 June 25, Wednesday ..... Last Day Register for Summer Session II  
 July 7, Monday..... Last Day to Drop Classes  
 July 21, Monday ..... Last Day of Classes  
 July 22, Tuesday..... Final Examinations for Candidates for Graduation  
 July 22-23, Tuesday-Wednesday ..... Final Examinations  
 July 23, Wednesday ..... Final Grades for Candidates for Graduation  
 July 24, Thursday ..... Final Grades due  
 July 25, Friday ..... COMMENCEMENT  
 July 25, Friday..... Summer Term Ends

## GENERAL INFORMATION

### HISTORICAL SKETCH

Grambling State University emerged from the desire of African-American farmers in rural north Louisiana who wanted to educate Black children in the northern and western parts of the state. In 1896, the North Louisiana Colored Agriculture Relief Association was formed to organize and operate a school.

After opening a small school west of what is now the town of Grambling, the Association requested assistance from Booker T. Washington of Tuskegee Institute in Alabama. Charles P. Adams was sent to aid the group in organizing an industrial school, becoming its founder and first president.

Under Adams' leadership, the Colored Industrial and Agricultural School opened on November 1, 1901. Four years later, the school moved to its present location and was renamed the North Louisiana Agricultural and Industrial School. By 1928, the school was able to offer two-year professional certificates and diplomas after becoming a state junior college. The school was renamed Louisiana Negro Normal and Industrial Institute.

In 1936, Ralph W. E. Jones became the second president. The program was reorganized to emphasize rural education. It became internationally known as "The Louisiana Plan" or "A Venture in Rural Teacher Education." Professional teaching certificates were awarded when a third year was added in 1936, and the first baccalaureate degree was awarded in 1944 in elementary education.

The institution's name was changed to Grambling College in 1946. Thereafter, the college prepared secondary teachers and added curricula in sciences, liberal arts and business. With these programs in effect, the school was transformed from a single purpose institution of teacher education into a multi-purpose college. The addition of graduate programs in early childhood and elementary education gave the school a new status and a new name—Grambling State University—granted in 1974.

In 1977, Dr. Joseph B. Johnson became the university's third president. During his tenure, an event significant to the future of the university occurred with the signing of a consent decree. The decree provided the university with major legislative appropriations for assistance in capital outlay projects and for implementation of new curricula. Among the various programs established were a doctoral program in developmental education and two professional schools, nursing and social work.

In the athletic arena, Coach Eddie Robinson became the winningest coach in college football with 324 victories on October 5, 1985.

The university's leadership changed in 1991 with Dr. Harold W. Lundy assuming the position of fourth president. Under his leadership, enrollment continued to increase, and the university continued to enjoy national and international acclaim for its academic and athletic programs and marching band.

In July 1994, leadership changed to Dr. Raymond A. Hicks, who began a new era in the university's history as interim president. On July 1, 1995, the Board of Supervisors of the University of Louisiana System named him fifth president. During that time, the university began implementing a desegregation settlement that provides funding for expansion of facilities and the development of new curricula. As a result of the agreement, a doctoral degree in education is being offered through the Louisiana Education Consortium, which includes Grambling State University and two other institutions in the University of Louisiana System. Through this program, doctoral specialties in educational leadership and curriculum and instruction will be granted.

On March 25, 1998, Dr. Steve A. Favors was named interim president at GSU. A little over three months later, on July 1, the Board of Supervisors of the University of Louisiana System selected him as the university's sixth president. Under a "collaborative commitment to excellence," Favors led the institution for nearly three years. Many accomplishments were made during his tenure including a visit by then U. S. President William "Bill" Clinton.

As the year 2001 unfolded and the university prepared to celebrate its centennial year, it did so with a new leader at the helm. Dr. Neari Francois Warner was named acting president. An alumna and the first woman ever to lead the institution, Warner is committed, through accountability and productivity, to reposition the university to a level of preeminence.

The Board of Supervisors announced on March 26, 2004 the selection of Dr. Horace A. Judson as the seventh president of Grambling State University. Dr. Judson, an organic chemist with a stellar record of leadership in higher education as a president, provost, and dean, began his tenure as president on July 1, 2004. In the span of a few months, he has chartered a course to carry the university forward toward excellence in every dimension of its operation.

### LOCATION

Grambling State University is located in the heart of Grambling, Louisiana, one mile north of Highway 80 and a mile and a quarter south of Interstate 20. It is five miles west of Ruston, a city with a population of 25,000. Monroe and Shreveport are large cities within a radius of thirty-six and sixty miles, respectively, from the campus.

### STATEMENT OF INSTITUTIONAL MISSION AND PHILOSOPHY

Founded in 1901 as a private industrial school to educate African-American citizens of north central Louisiana, Grambling State University, a constituent institution in the University of Louisiana System, is now a comprehensive university offering undergraduate, graduate, professional and continuing education programs. All programs are designed to meet the educational needs of a clientele that is primarily statewide and secondarily national and international.

Grambling State University assumes in a unique way the role of a public university. It strives:

1. to provide equal access to higher education for all applicants regardless of race, color, sex, national origin, age, religion, disability, and veteran status;
2. to provide opportunities for students to develop intellectually, to acquire appropriate job skills, and to achieve self-actualization through instruction, research, public service, and special programs which seek to meet the needs of all students, including those who have been adversely affected by educational, social, and economic deprivation;
3. to generate new knowledge through pure and applied research related to curricular emphases in business, science and technology, nursing, social work, liberal arts, and education;
4. to render service to the community and to the citizenry of Louisiana, dedicated to raising the standard of living and enhancing the quality of life through economic development, entrepreneurial activities and lifelong learning;
5. to expose students to opportunities that enhance their potential for appreciation of diverse cultures;
6. to provide opportunities for students to utilize information technologies in preparation for participation in a global society; and
7. to serve as a repository for preserving the heritage of people of African-American descent.

Grambling State University endeavors to achieve excellence in higher education through teaching, research and service governed by the principles of academic freedom. The university believes that education is the cornerstone of an enlightened, creative and productive society. It strives to be true to its motto: "Grambling State University is the place where everybody is somebody."

# GENERAL INFORMATION

## UNIVERSITY LIBRARY

### A.C. LEWIS MEMORIAL LIBRARY

The primary purpose of the library is to promote and support the undergraduate, graduate, professional, continuing education, and international education programs of the university. The A. C. Lewis Memorial Library is an air-conditioned two-story, 86,720 square foot, open-stack, modular brick facility that is central to the Grambling State University campus. It provides shelving for books, magazines, journals and newspapers. Study seating is available for approximately 700 patrons. Each floor offers varied study areas that include individual carrels, small tables, conference rooms and study/lounge chairs located adjacent to the books, periodicals and other resources.

Library operations are automated on the SIRSI Unicorn System. The library online catalog, Grambling Online Public Access Catalog (GOPAC)/iLINK, provides bibliographic access to all GSU Library resources and all academic library resources statewide. The GSU Library has approximately 80 public use personal computers (PCs) connected to databases through a Local Area Network (LAN). Most library electronic resources are accessible to patrons from any Internet PC on or off campus. Electronic resources include full-text journals, electronic books (e-books), and newspapers as well as bibliographic citations, indexes and abstracts, and numeric data. GOPAC/iLINK provides thousands of direct "live" links to full-text electronic books, and journals. A student-operated computer lab with approximately 25 PCs and free printing is also available to GSU students. This lab provides open access to the Internet and to software that students can use to prepare and print their work. Photocopying and PC printing services are available at \$0.10 per page.

The Mary Watson Hyman African-American Center houses the African-American special collection. It contains a cross-discipline of resources by and about African Americans and people of African/Caribbean descent. Rare editions are housed in the restricted collection.

The Microtext & Media area contains micro-format resources: microfiche, microfilm, films, videotapes, cassettes, filmstrips, slides, loops, recordings and other audio-visual resources.

Services include Interlibrary Loan (via GOPAC/iLINK or in-person), document delivery, online and in-person reserves, online library tutorials and in-person bibliographic instruction that incorporates "hands-on" orientation to electronic resources.

The library strives to follow the standards recommended by the Association of College & Research Libraries, a division of the American Library Association. The library is a member of the Louisiana Library Association and an active participant in the Louisiana Libraries Information Network Consortium (LALINC), the online Computer Library Center (OCLC), the Southern Library Network (SOLINET), and the statewide library consortium (LOUIS: the Louisiana Library Network). Additional information can be found on the university web page at [www.gram.edu](http://www.gram.edu).

## CAMPUS MEDIA

The Department of Mass Communication at Grambling State University operates the following three media units to serve the news, information and entertainment needs of the University community, the city of Grambling and the neighboring areas of Lincoln Parish.

### THE GRAMBLINITE

*The Gramblinite* is an award-winning weekly newspaper published during the school year by the students of Grambling State University as a laboratory function of the Department of Mass Communication. As a student-operated publication, *The Gramblinite* is written, edited, and designed by students under the guidance of faculty and staff. It is published every Thursday during the school year.

## KGRM-FM RADIO STATION

KGRM-FM is a 50,000-watt educational radio station operated by the students of Grambling State University as a laboratory function of the Department of Mass Communication, on 91.5 frequency. KGRM is on air 24 hours a day. It serves the community with music, news, and a variety of public affairs programming. Students under the guidance of faculty and staff conduct KGRM programming.

## THE TELEVISION CENTER

The Television Center serves the laboratory function of the Department of Mass Communication. Operated by students under the guidance of faculty and staff, the Television Center cable casts public service programming for eight hours a day (2:00 p.m.-10:00 p.m.) on Monday through Thursday, and 2:00 p.m.-5:00 p.m. on Friday during the school year. The Center's broadcasting covers educational, cultural, entertainment, news and information needs of the University and the Grambling City communities.

## BUILDINGS AND GROUNDS

The physical plant of Grambling State University occupies approximately 375 acres. A continuous program of expansion of academic and residence halls has provided over 55 permanent buildings, a five-mile nature trail, outdoor study pavilion, and a number of ponds for fisheries study and research. The structural motif is colonial, with red brick, stone and glass construction. Shrubbery-bordered walks, convenient drives, and beautiful lawns provide a tranquil atmosphere commensurate with the intellectual achievement of the university.

## DEGREES

Grambling State University offers the following degrees:

- Associate of Arts
- Associate of Science
- Bachelor of Arts
- Bachelor of Science
- Bachelor of Science in Nursing
- Bachelor of Public Administration
- Master of Arts
- Master of Science
- Master of Arts in Teaching
- Master of Public Administration
- Master of Science in Nursing
- Master of Social Work
- Doctor of Education

## ACCREDITATIONS

Grambling State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award associate, baccalaureate, masters and doctoral degrees.

### ADDITIONAL ACCREDITATIONS:

- AACSB-The International Association for Management Education
- Accrediting Council on Education in Journalism and Mass Communications
- American Chemical Society's Committee on Professional Training
- Computing Accreditation Commission (CAC) of Accreditation Board of Engineering and Technology (ABET)

## GENERAL INFORMATION

Commission on Accreditation of the Council on Social Work Education (BASW/MSW)  
 National Association of Schools of Public Affairs and Administration  
 National Association of Schools of Music  
 National Association of Schools of Theatre  
 National Council for Accreditation of Teacher Education  
 National League for Nursing Accrediting Commission  
 National Recreation for Parks Association/American Association for Leisure and Recreation (NRPA/AALR)  
 In addition, Grambling is a member in good standing of the following associations:

- American Accounting Association
- American Association of Colleges for Teacher Education
- American Association of Collegiate Registrars and Admissions Officers
- American Association of State Colleges and Universities
- American Council on Education
- American Education Research Association
- American Institute of Biological Sciences
- Association of Continuing Education
- Association of Institutional Research
- Conference of Louisiana College and Universities
- Conference of Southern Graduate Schools
- Council of Graduate Schools in the United States
- Louisiana Collegiate Honors Council
- National Association of Equal Opportunity in Higher Education
- National Association of Student Personnel Administration
- National Collegiate Athletic Association
- National Collegiate Honors Council
- Southeastern Association of Advisors of The Health Professions
- Southern Regional Honors Council
- Teacher Education Council of State Colleges and Universities

### OFFICE OF COMMUNICATIONS AND PUBLIC AFFAIRS

The Office of Communications and Public Affairs, formerly the Office of Public Relations, is primarily responsible for maintaining a continuous flow of communication among the university's various internal and external publics and broadening and strengthening the university's ties to them. Towards this end, the Office of Communications and Public Affairs maintains a News Bureau through which positive news items are prepared and disseminated. Also, this office maintains the University's Speakers Bureau and oversees the production of many campus publications including recruitment materials, alumni information and the Tiger yearbook. Special programs, which seek to bring various university stakeholders together, are also planned and sponsored by the Office of Communications and Public Affairs.

### ALUMNI AFFAIRS

The Office of Alumni Affairs (1) maintains files of all graduates or students who spent at least one academic year at the university, (2) fosters cooperation among alumni, (3) hosts two annual meetings per year: The Annual Homecoming Meeting and The Annual Spring Meeting, and (4) communicates with the branch chapters throughout the United States. In addition, the Office works closely with the National Alumni Association, and it is affiliated with the Louisiana Alumni Council and the American Alumni Council.

### AMERICANS WITH DISABILITIES ACT

The Americans with Disabilities Act (ADA) forbids discrimination based on disability in the areas of employment, public accommodations, government services, transportation and communications. Qualified individuals are those with a disability who, with or without reasonable accommodations, can perform the essential functions of the employment position that such individuals hold or desire. Those protected by the ADA include but are not limited to persons with such conditions as hearing, speech and visual impairments, paraplegia and epilepsy, past alcoholism, past drug use and AIDS if there is no direct threat to the health and safety of others.

Grambling State University will take affirmative action to ensure that the provisions of this Act will be implemented at all levels of administration.

Grambling State University provides equal opportunity and access for persons with disabilities. Students with disabilities participate in curricular and non-curricular activities. For additional information contact the director of the EEO Office.

### FAMILY EDUCATION RIGHTS AND PRIVACY ACT

In accordance with the Family Education Rights and Privacy Act of 1974 (FERPA), students enrolled at Grambling State University are hereby informed of their right to access their official records as described in the Act.

FERPA allows each institution the right to designate certain information concerning students as "directory information." This information can be released without the student's permission unless the student has informed the university in writing that such information should not be released. Directory information at Grambling State University includes the student's name, address, telephone number, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards/honors and dates received, classification, photographs, full or part-time status, e-mail address, and the most recent previous educational agency or institution attended by the student. A student may request at any time, in writing, to the registrar that directory information be withheld.

Parents may access a dependent child's records either by the student providing written permission to the Registrar's Office or parents can provide their current 1040 tax form (front and back) to show that the child is their dependent.

For more detailed information concerning FERPA and the release of student educational records, please contact the Registrar's Office or go to [www.gram.edu](http://www.gram.edu).

### SEXUAL HARASSMENT

Grambling State University does not tolerate verbal nor non-verbal sexual harassment. Its policy is to provide an educational environment free of unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct or communications constituting sexual harassment, as defined by state and federal statutes. Sexual harassment may include, but may not be limited to such actions as the following:

1. Sex-oriented verbal teasing or abuse,
2. Subtle pressure for sexual activity,
3. Physical contact such as patting/pinching, or constantly brushing against another's body,
4. Outright demand for sexual favors, accompanied by implied or overt promise of preferential treatment or treats.

# ADMISSIONS

The university protects the rights of all students to enjoy an educational environment that is free from all forms of discrimination, including sexual harassment. Any form of sexual harassment of students is prohibited.

## DRUG-FREE WORKPLACE

In compliance with the Drug-Free Workplace of 1988, "the unlawful manufacture, distribution, dispensation, possession, consumption, or use of a controlled substance is prohibited by students and employees while on property owned or leased by the university."

Grambling State University will impose disciplinary sanctions on students and employees (consistent with local, state and federal law), up to and including suspension or expulsion or termination of employment and referral for prosecution, for violation of the standards of conduct. A disciplinary sanction may include the completion of an appropriate rehabilitation program.

## ADMISSIONS

### ADMISSIONS BASIC REQUIREMENTS

Admission to Grambling State University will be granted to students who meet basic requirements for admission. All students must submit the items before the final acceptance process will be complete.

- Application for Admission (completed and signed)
- Application fee of \$20 (\$30 for international students)
- **Official High School Transcript** or official General Equivalency Diploma (GED) for freshmen
- ACT or SAT scores
- **Official Transcript** from **all** previously attended institutions (transfer students only)
- Proof of immunization and medical history

The above items should be mailed (**transcripts cannot be faxed**) to the **Office of Admissions/Recruitment; Post Office Box 864; Grambling, LA 71245**.

ACT or SAT scores are required of all freshmen students. These scores are used for placement purposes. All freshmen should strive to have a minimum composite score of **17** on the ACT or **810** on the SAT and a 2.0 or higher GPA.

After an evaluation of an application, the Office of Admissions/Recruitment will notify applicants as to the status of their application.

### ADMISSION AS A FIRST-TIME STUDENT FRESHMAN

- **Louisiana applicants** with academic credentials who are graduates of an accredited high school or have successfully obtained a General Equivalency Diploma (GED) will be considered for regular admission. Louisiana students with Certificate of Achievement diplomas are not eligible for admission to Grambling State University. Louisiana applicants will be admitted **CONDITIONALLY** prior to graduation from high school with an application fee of \$20. To be made a **REGULAR** freshman, an ACT or SAT score is required for placement purposes and the student must also submit an **official transcript** indicating date of graduation to the:

**Office of Admissions/Recruitment**  
**P.O. Box 864**  
**Grambling, LA 712452**

- **Out-of-State applicants** with academic credentials who are graduates of an accredited high school or have successfully

obtained a General Equivalency Diploma (GED) will be considered for acceptance upon receipt of the following:

- An application for admission (completed and signed),
- An application fee of \$20,
- An **official seven (7) semester transcript** which indicates a minimum cumulative 2.0 GPA on a scale of 4.0, and
- A minimum composite ACT score of **17** or SAT score of **810**.

### ADMISSION OF TRANSFER STUDENTS

Transfer applicants are students who have attended another college and must apply as a transfer student, not as a first-time freshman. Any information withheld or falsified may subject a student to dismissal. In order to be admitted, transfer students must:

- Submit **official transcripts** from all accredited colleges/universities attended.
- Pay an application fee—\$20 (\$30 for international students).
- Be in "good academic standing" and eligible to return to the last college or university of attendance.

**Regular transfer** student status will be given to all transfer students with a 2.0 and above GPA. **Provisional status** is given to transfer students prior to the completion of the semester in which they are to enroll when applying. In addition, students transferring from another college/university must have 12 hours of credit or the ACT/SAT score must be provided.

**Probationary transfer status** may be granted to students who have demonstrated academic talent, but circumstances caused poor academic performance for one semester that resulted in the cumulative GPA falling below 2.0. GSU reserves the right to decline admission to students with less than a 2.0 GPA.

**Transfer Evaluations** will reflect all college grades attempted and earned, according to the same policies and procedures in place for students at Grambling State University. Some courses require "C" or above grades to meet degree requirements. The department head and dean of the student's major make determinations for degree evaluation, even though all college courses and grades attempted and earned may be accepted for credit on the transcript and for determining financial aid.

**Transfer credits** earned from institutions that are not accredited may not be recognized. For schools not regionally accredited, the university is guided in its decision regarding acceptance of credit by *Transfer Credit Practices of Designated Educational Institutions* for U.S. schools, publications from the American Association of Collegiate Registrars and Admissions Officers, by selected institutions in the states in which the schools are located and by the National Association of Foreign Student Affairs for schools outside the United States. Generally, applicants from non-accredited schools are given an opportunity, usually through advanced-standing examinations, to validate some or all of the credit earned.

### ADMISSION OF ADULT, NON-TRADITIONAL STUDENTS

Degree-seeking students 25 years of age or older may be admitted without submitting ACT scores; however, for placement in appropriate English and math courses, they are required to take placement examinations to determine course entry level. These students should identify themselves as adult, non-traditional when applying for admission.

## ADMISSION OF INTERNATIONAL STUDENTS

**International applicants** are students who are not United States citizens. An international student applying for admission to Grambling State University must have completed secondary school with appropriate test results and certificate. The applicant must have a high degree of competence in the English language.

In order to be admitted as an international applicant, the following requirements must be met:

- Application for admission: completed and signed, \$30.00 application fee (cashier's check or money order), Affidavit of Sponsorship,
- TOEFL Score (minimum score of 450 paper and 225 Computer based),
- Official high school transcript certifying completion of secondary school, and
- Medical history form—immunization record.

The Educational Testing Service located in Princeton, New Jersey administers the Test of English as a Foreign Language (TOEFL) abroad three times per year at established and supplementary testing centers. TOEFL scores must be sent directly to the Office of Admissions/Recruitment (official scores only). TOEFL IS WAIVED IN ENGLISH SPEAKING COUNTRIES AND WHERE THE APPLICANT SHOWS PROOF OF ENGLISH PROFICIENCY. In addition, the applicant must be in good physical condition.

## EARLY ADMISSIONS PROGRAM

Students may enter Grambling State University prior to graduation from high school provided they meet the following qualifications:

- Obtain at least a "B" average during six semesters of high school.
- Obtain an ACT composite test score of 24 or above.
- Obtain a recommendation for admission by high school principal or counselor.

## HIGH ABILITY PROGRAM FOR SECONDARY SCHOOL STUDENTS

Each summer, the Office of Admissions/Recruitment sponsors a special enrichment program for secondary school juniors with outstanding academic ability.

- The program is designed to accomplish the following:
- Provide a dynamic opportunity for students to begin their college training prior to high-school graduation.
  - Provide participants with a variety of enriching exploratory experiences that are useful in helping them to begin finalizing their vocational and career goals.
  - Extend the academic experiences of outstanding secondary school juniors to the university level.

To be eligible to participate in the High Ability Program, the applicant must meet the following qualifications:

- Completion of five semesters of high-school credit.
- Recommendation by the principal or counselor.
- Earn a 3.30 GPA or higher on a 4.00 scale in order to receive a scholarship to High Ability (room, board and tuition). (Books not included)

Credit earned in the High Ability Program can be applied toward a degree program at Grambling State University.

## READMISSION OF GRAMBLING STATE UNIVERSITY STUDENTS

Any student not attending school for one regular semester, excluding summer sessions, must apply for readmission. The readmission application and other required items must be submitted to the Office of Admissions. The following should be submitted for readmission:

- Application for admission (completed and signed), \$20 application fee,
- Official transcript from college(s) attended **while absent from Grambling State University**.

## RIGHT TO APPEAL

Any prospective new student who is denied admission to Grambling State University has the right to appeal the decision by writing to the **Admissions Committee, Post Office Box 864, Grambling, LA 71245**. A letter of appeal from the applicant and two (2) letters of recommendation from the principal, teacher or counselor must be submitted to the Admissions Committee. Prospective student will be notified of the decision by mail.

## OUT-OF-STATE FEE WAIVERS

*Academically* talented high school students with a 3.00 GPA (4.00 scale) or above who meet three (3) of the following criteria may be eligible for out-of-state fee waiver (subject to the Board of Trustees approval).

- ACT of 24 and above or SAT of 1090 and above
- Leadership skills (extracurricular activities)
- Top 10% of high school graduating class (rank)
- Interview with an admissions office staff

*Non-academically*, a student will qualify regardless of high school or college GPA if (transfer student):

- One of the parents (mother or father only) graduated from Grambling State University
- Living with a parent (mother or father) who is currently a Louisiana resident
- Parent is a current member of the armed forces and home of record is Louisiana
- Student receives an associate or higher degree from GSU and submits proof to the Admissions Office.

There are other limited eligibility requirements that generally do not apply to new students entering Grambling State University from out-of-state.



# STUDENT FINANCIAL AID AND SCHOLARSHIPS

## GENERAL INFORMATION

It is the primary responsibility of the student, parent, guardian, and/or spouse to pay the cost of education (e.g. general fees, room, board, books, supplies, personal expenses and transportation). However, the university offers financial aid to assist in the payment of the basic cost of education based upon financial need and the availability of need-based programs.

Grambling State University offers the following three types of financial aid:

**Gifts:** Scholarships, grants, tuition waivers;

**Loans:** Federal Subsidized and Unsubsidized Stafford Loans, Parent PLUS loan and Non-Federal Alternative Loans;

**Student Employment:** Federal Work-Study and Institutional Wages

## APPLYING FOR FEDERAL FINANCIAL AID

Students who are interested in applying for federal aid must follow these steps:

- Complete the Free Application for Federal Student Aid (FAFSA) at [www.fasfa.ed.gov](http://www.fasfa.ed.gov) by April 1 of each year.
- Receive the Student Aid Report (SAR) within two to four weeks. The Student Aid Report will list your Expected Family Contribution (EFC). The EFC is used to determine eligibility for federal aid programs. The Office of Financial Aid will receive your results electronically; therefore, do not submit the paper copy of the Student Aid Report to the Office of Financial Aid.
- Return all documents requested by the school on or before June 1 of each year.
- Sign award letter to accept federal aid awards.

## UNIVERSITY POLICY

All students must be accepted for Admission to the university before federal aid is awarded and students must make Satisfactory Academic Progress (SAP) yearly based on the University's Satisfactory Academic Progress Policy. Students are expected to obtain a copy of the SAP Policy from the Office of Financial Aid. In the event of changes in hours enrolled, in housing status, in residential status, etc., the university reserves the right to review, adjust or cancel an award. Awards in excess of financial aid need will be reduced; otherwise, the student must repay the amount over-awarded. Default of Title IV aid (federal student loans) and failure to comply with university regulations constitute a reason for canceling awards.

## GRANTS

**Pell Grants:** Pell grants are available to undergraduate students based on need. The amount of the grant varies based on the level of funding by the government. The maximum grant award for 2004-2005 year was \$4,050. Pell grants do not need to be repaid.

**Supplemental Education Opportunity Grants (SEOG):** Available to undergraduate students with exceptional need. The maximum grant amount for the year at GSU is \$600. The grants are not to be repaid; however, awards are based on the availability of funds.

**Leveraging Education Assistance Program (LEAP):** Available to full-time Louisiana residents. The maximum grant amount at GSU is \$600 per year. Students must have a 2.0 GPA, making satisfactory academic progress, and have proof of financial aid need.

## STUDENT EMPLOYMENT

**Federal Work-Study:** This program gives undergraduate and graduate students the opportunity to work part-time while attending school. Students are paid once a month at the minimum wage rate. Students are eligible to work up to the amount of their financial aid need. The Office of Financial Aid must have the student's electronic Student Aid Report (SAR) on file before awards are made. Students must apply early because of limited funding. Students must be authorized to work by the Office of Financial Aid and complete the required W-4, I-9, and L-4 forms. All forms can be printed from the financial aid Web Site at [www.gram.edu](http://www.gram.edu).

**University Wage Program:** A state-funded program that does not require financial aid need. Wage recipients are paid once a month at a minimum wage rate. Students must have at least a cumulative 2.0 GPA and must make Satisfactory Academic Progress.

## FEDERAL LOAN PROGRAMS

**Stafford Loans:** Federal Stafford loans are available for undergraduate and graduate students. Stafford loans can be subsidized and unsubsidized. A subsidized loan is awarded to students who have financial aid need. The student is not charged interest while enrolled at least half time. An unsubsidized Stafford loan is not awarded on the basis of financial aid need. Recipients are charged interest from the time the loan is disbursed until the loan is paid in full.

**Parent Loans for Undergraduate Students (PLUS):** PLUS loans enable parents with good credit histories to borrow to pay the expenses of their dependent student. The yearly limit on a PLUS loan is equal to the cost of attendance minus any aid received. Students must complete the Free Application for Federal Student Aid (FAFSA) and must make satisfactory academic progress.

## WITHDRAWALS AND NO-SHOWS

Students who accept awards but either do not register or register and cancel their registration before classes begin will have all awarded financial aid canceled. Students who receive federal financial aid, begins classes and then withdraw from all classes before completing 60% of the semester will be subject to return certain Title IV funds to the Department of Education.

## GENERAL REFUND POLICY

If the total of student's scholarships, grants and loans exceed the amount of his/her fees, tuition, and/or university housing, the remaining funds are disbursed to the student as a cash payment in accordance with the university's refund policy.

## LOUISIANA STATE FINANCIAL AID PROGRAMS

### Leveraging Education Assistance Program (LEAP)

Full-time Louisiana residents receive from \$300 to \$2500 per academic year. Requirements: (1) satisfactory academic progress, (2) a 2.00 ("C" equivalent) grade point average or an 18 or above ACT composite score from English, mathematics, social studies and science, and (3) proof of financial need.

# STUDENT FINANCIAL AID AND SCHOLARSHIPS

## SCHOLARSHIPS

### ACADEMIC ACHIEVEMENT AWARD

The following minimum criteria will be used in the selection process of the Academic Achievement Award: GPA 3.0 or above (4.0 scale); ACT 18 or higher (SAT conversion).

Presently enrolled students with at least 24 hours earned will be selected on GPA only.

### A.C. LEWIS MEMORIAL LIBRARY SCHOLARSHIP

The library presents three awards to library student assistants during the Spring Honors Day Awards Program. The area supervisors of the library recommend the students. The awards are Academic Excellence, Library Student Professional Award, and Most Cooperative Student Award. These awards (\$50-\$100) are paid directly to the students in the form of a check.

### ALUMNI SCHOLARSHIP

Various alumni chapters provide restricted scholarships. Interested students should write to the Director of Alumni Affairs, 200 R. W. E. Jones Drive, P.O. Box 92, Grambling, LA 71245.

### ARMY ROTC DEPARTMENT

The Army ROTC Scholarship Program is designed to provide financial assistance for the education and training of highly qualified, highly motivated young men and women who have a strong commitment to military service.

The student must be a citizen of the United States prior to enrollment as a scholarship cadet; be at least 17 years of age by October 1 of the year of the award; be able to complete all requirements for a commission and a charge degree; and be under 27 years of age by June 30. Contact the Professor of Military Service, Army ROTC, Grambling State University, P.O. Box 885, Grambling, LA 71245.

Applicants must agree to enroll in one of the approved baccalaureate degree programs. Emphasis within the scholarship process will be placed on technical disciplines, engineering, and physical science.

Authorized tuition and educational fees up to an annual amount established will be paid for the number of academic years prescribed by the scholarship award. Summer sessions normally are not considered part of the academic year.

### AEROSPACE STUDIES/AIR FORCE ROTC

#### Historically Black Colleges and Universities (HBCU) Scholarships

This scholarship pays full tuition, plus all laboratory and incidental fees, and a textbook allowance. Recipients also receive \$150 tax-free each month during the school year. They must be a U.S. citizen, of sound moral character, a full-time student, a rising sophomore or junior, enrolled in an AFROTC class, and have a 2.65 cumulative GPA. In addition, recipients must pass the Air Force Officer Qualifying Test (AFOQT), pass a physical fitness test, pass a medical examination, and be under age of 27 as of the 30th of June of the commissioning year.

For more information contact the Professor of Aerospace Studies, Grambling State University, Grambling, LA 71245.

#### Type of Award: Professional Officers' Course Incentive Program (POCI)

This award pays up to \$1,000 per term for tuition, books, and fees. Recipients also receive \$150 tax-free each month during the school year.

Recipients may be any Professional Officer Corps cadet (junior/ senior) not on an AFROTC scholarship, but who is a U.S. citizen, of sound moral character, a full-time student attending ROTC classes and leadership laboratory, has a 2.35 term GPA and is in good academic standing, has successfully completed summer field training, and has met all commissioning requirements (i.e. medically qualified, pass the AFOQT fitness test), and must be under age of 27 by the 30th of June of the commissioning year.

Scholarship Length—2 years

Maximum Number of Awards Made: Unlimited

### ATHLETIC SCHOLARSHIP

Students who exhibit outstanding athletic abilities in football, basketball, track, baseball, golf, bowling, and tennis can receive awards based on their abilities and a 2.0 GPA. Contact the Athletic Director, P.O. Box 868, Grambling, LA 71245.

### BAYOU CLASSIC SCHOLARSHIP

An annual award is presented to the Bayou Classic GSU representative who is enrolled as a GSU full-time student and meets the following qualifications: single, never married, nor had a marriage annulled; never had a child; and was selected by a panel of judges at the Annual Bayou Classic Beauty Pageant.

### BLACK WOMEN IN SISTERHOOD FOR ACTION, INC. (BWISA Scholarship Assistance Program)

This organization of Black women offers scholarships to needy female students whose purposes are exclusively educational and charitable. For additional information contact the GSU Coordinator of Scholarships, P.O. Box 629, Grambling, LA 71245.

### BOARD OF SUPERVISORS ACADEMIC SCHOLARSHIP

This scholarship is granted in the amount of \$1,500 per year to Louisiana residents who have a minimum of 3.0 GPA and ACT score of 18.

### MISS CALENDAR GIRL AND MISS COVER GIRL

An award is presented to the winners of the Cover Girl and Calendar Girl competitions. These awards are granted during the fall semester following the pageant. For additional information contact the Director, Favrot Student Union, Grambling State University, Grambling, LA 71245.

### CASINO AMERICA, INC. SCHOLARSHIP

Casino America, Inc. and the Isle of Capri casinos are committed to assist, foster development, and support the education of minorities at Historically Black Colleges and Universities. Applicants must have (freshmen) 3.2 GPA, ACT 22 and upperclassmen must have a 3.0 GPA. For additional information contact the Coordinator of Scholarships, (318) 274-6056, Office of Student Financial Assistance, P.O. Box 629, Grambling, LA 71245.

### CLYDE O'NEAL WILSON, SR. SCHOLARSHIP

This scholarship was established to carry out his interest in education, scholarship and service to the community. Two \$500 scholarships will be awarded to male students, with GPA of 2.0, majoring in education, criminal justice, hotel/restaurant management, industrial technology or therapeutic recreation. Interested students should write to: Clyde O. Wilson GSU Scholarship Fund, P.O. Box 476, Grambling, LA 71245.

# STUDENT FINANCIAL AID AND SCHOLARSHIPS

## COLLEGE OF ARTS AND SCIENCES

### Advanced Award Distributed Simulation Research Consortium

This award is restricted to those individuals who are interested in securing a degree in mathematics and computer science. The recipient must have a 3.5 GPA and must serve as a research assistant for approximately 20 hours per week.

### Army Research Laboratory Cooperative Agreement Awards

These research awards are available for computer science majors preferably at the junior and senior levels. The Department of Mathematics and Computer Science award these research assistantships under the auspices of a grant from the Army Research Laboratory. A minimum of 3.5 GPA is required each semester and students are required to work a minimum of 20 hours per week.

### Career Opportunity to Research and Training (CORE) Program

This program is for a biology, chemistry, psychology, and sociology major. Students are eligible to apply at the end of their sophomore year. The program pays tuition, out-of-state fees and a substantial monthly stipend. Students participate in activities during the school year and attend research opportunities at other universities during the summer. The intent of the program is to prepare minority students for graduate work in the sciences. For additional information, contact the program director at (318) 274-6174.

### Criminal Justice Scholarship

The Department of Criminal Justice offers three (3) different kinds of scholarships: Dr. Martin Luther King, Jr. Scholarship, Justice Thurgood Marshall Scholarship, and Mahatma M. K. Gandhi Scholarship. The funds are established by the faculty and staff of the Department of Criminal Justice and are paid from their personal contributions to the GSU Foundation. The students must be full-time criminal justice majors transferred to the Department of Criminal Justice; have a status of sophomore through the first semester senior; have a minimum of 3.3 cumulative GPA; have a hand-written essay addressing the ideals exemplified by Dr. Martin Luther King, Jr., Justice Thurgood Marshall, or Mahatma M.K. Gandhi and stating why they deserve the requested scholarship (250/300 words).

The Department of Criminal Justice also offers a Graduate Assistant Program for students who are pursuing a master's degree in criminal justice at Grambling State University. The student must be enrolled in the graduate program and have a cumulative GPA of 3.5 or better. Stipends range from \$2,250 to \$4,500 per academic year.

### The Engineering Technology Program Grant Stipends

This Department of Industrial and Engineering Technology awards several grants each semester to those students who have a 2.5 or better GPA, who are enrolled and who are making satisfactory progress in a degree program in the Department of Industrial and Engineering Technology directly related to the grants programmatic emphasis.

### Floyd L. Sandle Scholarship-\$250

The Speech and Theatre Department offers the Floyd L. Sandle Scholarship to the freshman theatre major with the highest academic average at the end of his/her first semester.

### The Grace Lynn Blankinship Scholarship-\$250

This four-year scholarship is awarded to young ladies majoring in theatre. The student must be at least a sophomore and an undergraduate student; a departmental major/deaf education minor; a full-time student with at least 15 hours; 2.75 GPA in field and a 2.5 cumulative GPA; have 100% class attendance in major (legitimate excuses accepted); attend all student meetings (departmental and area) and other area requirements; have a pleasant personality and disposition; be able to work with others; be a member of local organization in field; be devoid of felony convictions.

### Grambling State University-Meharry Medical College Bachelor of Science/Doctor of Medicine Program

Freshman students applying for the Grambling State University-Meharry Medical College BS/MD Program must have a minimum ACT score of 20 or SAT score of 900 and a minimum overall and science GPA of 3.25 on a 4.00 system. Every summer students selected to participate in the program must agree to attend a six-week summer academic and clinical enrichment program at Meharry Medical College beginning the summer following the freshman year. For additional information, contact the Department of Biological Sciences, BS/MD Program Site Coordinator, Campus Box 4211, Grambling State University, Grambling, LA 71245 or call (318) 274-4016.

### GSU/NAVO PET Program Research Assistantships

These assistantships are available for computer science and Mathematics majors at all levels and are awarded by the Department of Mathematics and Computer Science under the auspices of a grant from the Department of Defense through Northrop Grumman Corporation. A minimum of 3.5 GPA is required each semester and students are required to work a minimum of 20 hours per week.

### Industrial and Engineering Technology Scholarship

This award is given to students who are interested in obtaining a degree in industrial engineering technology. Incoming freshmen must have a 3.0 GPA and have taken the ACT or SAT. Sophomores or above classifications must have a 2.5 or better GPA, and be enrolled and make satisfactory progress in a degree program in the Department of Industrial and Engineering Technology. These awards vary depending on the availability of funds.

### Judy Ann Mason Scholarship-\$250

The Speech and Theatre Department also offers the Judy Ann Mason Scholarship to persons interested in a career in theatre, especially playwriting.

### Louisiana Alliance for Minority Participation (LAMP Book Award)

The LAMP program provides free textbooks for full-time students majoring in one of the following programs: chemistry, biology, mathematics, computer science, physics and engineering technology. Entering freshmen with a minimum high school GPA of 2.75 on a 4.0 scale are also eligible for this program and may receive 50% of their textbooks from LAMP. Those freshmen with a GPA of 3.0 out of 4.0, however, may receive up to 100% of their textbooks from LAMP. Students must maintain a grade of "C" or better in a course in order to retain their textbooks after completion of the course.

# STUDENT FINANCIAL AID AND SCHOLARSHIPS

## **The Minority Access Research Careers (MARC) Program**

The MARC program is available to students majoring in biology, chemistry, physics, mathematics and computer science. Criteria include U.S. citizenship or permanent residence, and a GPA of 3.0 or higher, both cumulative and in math and science courses. Fellowship includes tuition up to \$21,912 in stipend over a 24-month period, participation in Summer Research Internship, and travel award to national research conferences. The purpose of the MARC program is to help students to become competitive for enrollment in Ph.D. or M.D./Ph.D. programs in biomedical sciences. Contact the program director for further details at (318) 274-3149.

## **Music Service Awards**

Students interested in receiving service awards for the choir, marching band, symphonic band, jazz band and orchestra should contact the head of Music Department, Dunbar Hall, Room 142, Grambling, LA 71245.

## **Physics, Chemistry, Computer Science, and Mathematics Scholarships**

Various research scholarships are awarded to students with a 3.0 GPA majoring in chemistry, computer science, mathematics and physics. Contact the head of the department of each area at Grambling State University.

## **Political Science MPA Graduate Assistantships, Outstanding Political Science and Public Administration Scholar Award and The Research Initiative for Scientific Enhancement (RISE) Program**

The MPA Graduate Assistantships are monetary awards given to graduate students in return for services rendered for any activity approved by the department. The number of awards is determined by the amount budgeted. Criteria include a 3.0 GPA or above; a demonstrated financial need; recommendations from advisors; nomination from faculty; and GRE or GMAT scores on record.

The Outstanding Political Science and Public Administration Scholar Award is determined by the amount budgeted. Criteria include a 3.0 GPA or above; recommendations from advisors; and nomination from faculty.

The Research Initiative for Scientific Enhancement (RISE) Program, funded by the National Institutes of Health, is designed to assist students prepare for graduate studies and subsequently seek careers in biomedical research. RISE scholars work with project faculty as research assistants and earn wages at the rate of \$10.00/hr, 10 hrs. per week, participate in extramural Summer Research Internships and receive travel awards to attend national research conferences. Biology, chemistry, math and computer science majors with a 3.0 cumulative GPA are eligible to apply provided they are U.S. citizens or permanent residents. Contact the Biology Department head for more details at (318) 274-2348.

## **Robert E. Lyles Paralegal Studies Scholarship of Excellence**

The Paralegal Studies Program offers the Professor Robert E. Lyles Paralegal Studies Scholarship of Excellence, a \$500 cash award scholarship, in honor of Professor Robert E. Lyles, a life-long scholar. The scholarship is awarded each year to a paralegal studies major who: has a minimum cumulative GPA of

3.0; has a concern, commitment, conviction, and courage to constantly strive for and achieve excellence in scholarship and citizenship; has shown a sincere love for and diligently works to promote and enhance the Grambling State University Paralegal Studies Program.

## **The Speech and Theatre Departmental Scholarship-\$250-\$500**

This scholarship varies and is given to persons in deaf education, speech pathology and theatre.

## **COLLEGE OF BUSINESS**

The College of Business awards assistantships to graduate students. For additional information contact the College of Business MBA Program, P.O. Box 606, Grambling, LA 71245.

## **COLLEGE OF EDUCATION**

### **Health, Physical Education and Recreation Scholarship**

Dr. Charles D. Henry Scholarship is an academic scholarship in the name of the former department head. The student must be declared a health and physical education major or a leisure studies major with a 2.75 cumulative GPA. Contact the head of the Department of Health and Physical Education at Grambling State University.

### **Paul Douglas Teacher Scholarship Program**

Outstanding high school graduates who demonstrate an interest in an elementary or secondary teaching career may apply. Applicants must be in the top ten percent (10%) of graduating class or have equivalent ranking GED scores.

This merit-based state-administered scholarship (a.k.a. the Carl D. Perkins Teacher Scholarship or Congressional Teacher Scholarship) provides up to \$5,000 annually, and does not exceed the cost of attendance, for a maximum of four years.

Each year of assistance obligates the recipient to teach two years in a public elementary or secondary school or education program in any state, or in a Chapter I qualified private nonprofit elementary or secondary school; or handicapped children or children with limited English proficiency in a private nonprofit elementary or secondary school. The service commitment must be completed within ten years of the degree for which the scholarship was received. Other provisions may apply. Louisiana residents apply through The Governor's Special Commission on Education Services, Scholarship/Grant Division, P.O. Box 91202, Baton Rouge, LA 70821-9202.

## **COLLEGE OF PROFESSIONAL STUDIES**

### **Social Work Graduate Assistantships and Stipends - Title IV-E Child Welfare Training Grant**

Graduate assistantships are available in the School of Social Work. Stipends may vary per academic year, depending upon qualifications, need, status, duties assigned, satisfactory performance of assigned duties, and at least a 3.0 GPA.

Persons interested in assistantships should contact the school. Applications should be submitted no later than the end of May for fall appointments and the end of September for spring appointments.

# STUDENT FINANCIAL AID AND SCHOLARSHIPS

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Student Stipends - Title IV-E Child Welfare Training Grant are awarded based upon a contract between Grambling State University School of Social Work Program and the Office of Community Services, Department of Social Services of the State of Louisiana. For additional information contact the School of Social Work, C.P. Adams Hall, Room 311, Grambling, LA 71245.

## EARL LESTER COLE HONORS COLLEGE

The Earl Lester Cole Honors College Scholarship Awards Program is an extension of the Kara V. Jackson Scholarship Fund established by Drs. Daniel and Janet Fullmer for undergraduates to encourage academic, personal, and social development of high achievers interested in education. When funds are available, awards are made in the fall and spring, with limited research assistantships provided in the summer.

The recipient must have a 3.3 high school GPA or 3.5 college cumulative GPA and be a member of the Earl Lester Cole Honors College. For further information contact the Earl Lester Cole Honors College, Grambling State University, P.O. Box 326, Adams Hall—Room 116, Grambling, LA 71245.

## EXXON SCHOLARSHIP

Approximately ten (10) awards are granted each semester. Contact the St. Landry Parish Alumni Association or Grambling State University Coordinator of Scholarships, P.O. Box 629, Grambling, LA 71245.

## FACULTY, DEPENDENT, STAFF, AND SPOUSE EXEMPTIONS

These fee reduction exemptions are granted to qualified faculty, staff and their dependents. For more information contact the Office of Student Financial Assistance, P.O. Box 629, Grambling, LA 71245.

## MISS GRAMBLING SCHOLARSHIP

An annual award is presented to the winner of the Miss Grambling competition. For additional information contact the Director of the Student Union, Favrot Student Union Bldg., Grambling, LA 71245 or call (318) 274-6115.

## HARRY S. TRUMAN SCHOLARSHIP

Restricted to outstanding students who demonstrate a desire to pursue a political or governmental career. For additional information contact the Harry S. Truman Scholarship Foundation, 712 Jackson Place NW, Washington, DC 20006. (202) 395-4831.

## HIGH ABILITY SCHOLARSHIP

Awards are presented to high school seniors, with a GPA of 3.3 (full scholarship) or a 3.0 (partial), who are recommended by the principal or counselor or teacher as superior in scholastic achievements to matriculate at GSU during the summer. Contact the Office of Admissions and Recruitment, P.O. Box 864, Grambling, LA 71245 or call (318) 274-6183.

## LOUISIANA ARMY AND AIR NATIONAL GUARD (LAANG) TUITION EXEMPTIONS

This is restricted to members of the LAANG, 17-30 years of age, who are enrolled in public institutions. Members can claim tuition exemption for 5 separate academic years or a bachelor's degree (whichever occurs first). Exemptions are disallowed for professional schooling, i.e. medicine or law. Applicants must be legal residents of Louisiana, registered voters, and in good standing with a Louisiana National Guard unit. Tuition exemption is contingent upon satisfactory participation in the Louisiana National Guard. Contact the Headquarters Army and Air National Guard, Office of the Adjutant General, Jackson Barracks, New Orleans, LA 70146.

## LOUISIANA'S TUITION OPPORTUNITY PROGRAM (TOPS)

TOPS is a state funded scholarship program that offers scholarships to high school graduates throughout Louisiana. For additional qualifications students should contact the Coordinator of Scholarships, Office of Student Financial Assistance, P.O. Box 629, Grambling, LA 71245.

## NAACP SCHOLARSHIPS

Students must submit applications to NAACP, Coordinator of Scholarship Program, 4805 Mount Hope Drive, Baltimore, MD 21215. Students may also call (410) 486-9133 or (410) 486-8900. Application deadline is April 30.

## OTHER RACE SCHOLARSHIP

Grambling State University offers a limited number of scholarships annually in order to increase other-race enrollment. For additional information contact the Coordinator of Scholarships, Office of Student Financial Assistance, P.O. Box 629, Grambling, LA 71245 or call (318) 274-6056.

## OUT-OF-STATE FEE EXEMPTIONS

These are granted based upon the rules and regulations set by the Board of Supervisors of the University of Louisiana System. For more information contact the Office of Admissions, Grambling State University, P.O. Box 584, Grambling, LA 71245.

## PLANNING AND ANALYSIS DEPARTMENT

### Graduate Assistantship Awards

The award amount of \$6,000 spans the period of February 1 through July 31. These funds are furnished through Title III: Strengthening Historically Black Colleges and Universities Program and Activity XVIII: Strengthening Planning, Institutional Research and Assessment. For additional information contact the Office of Planning and Analysis, Long-Jones Hall, Room 239, Grambling, LA 71245.

## PRESIDENTIAL MERIT SCHOLARSHIP

Students who apply for this scholarship and meet the requirements are eligible to receive the maximum award based on current charges for 4 years. The students must possess the following to qualify: GPA 3.5 or above (4.0 scale); ACT 27 or higher (SAT conversion). These requirements may change from year to year.

# STUDENT FINANCIAL AID AND SCHOLARSHIPS

## **ROBERT C. BYRD SCHOLARSHIP PROGRAM**

This state administered scholarship program promotes promising students who demonstrate excellence and achievement. Ten (10) students from each congressional district receive a \$1,500 scholarship for the four years of study. Interested Louisiana residents only contact the State of Louisiana, Department of Education, Attention: Coordinator, P.O. Box 94064, Baton Rouge, LA 70804-9064 or call (504) 342-2098.

## **ROOM AND BOARD STIPEND**

This stipend is funded by Grambling State University. The student must be the recipient of an HBCU or any other 2-4 year AFROTC or Army scholarship. The recipient must maintain a 3.0 cumulative GPA, receive recommendation from the Detachment Commander and demonstrate exceptional leadership characteristics. Only 5 awards per unit can be activated at any given time.

## **RESIDENTIAL ASSISTANTS PROGRAM**

The Department of Residential Life awards wages to sophomores, juniors, or seniors who serve as resident assistants. Criteria for selection of these awards are as follows: 2.5 minimum cumulative GPA; 30 semester hours completed; one semester residence hall living experience; enrollment in Psychology 206.

## **SENIOR CITIZEN**

Any person 60 years of age or older who registers for three credit hours or less per semester may do so at no charge except for the application fees and any other course specified fees such as laboratory fees. For additional information contact the Office of Admissions, Long-Jones Hall, Grambling, LA 71245.

## **STUDENT GOVERNMENT ASSOCIATION SCHOLARSHIPS**

Eligible recipients are Grambling State University students who hold the following offices in the Student Government Association: president, vice-president, secretary, and treasurer.

## **THE THURGOOD MARSHALL SCHOLARSHIP**

The Thurgood Marshall Scholarship fund awards four-year merit scholarships to students attending Historically Black Public Colleges and Universities. Scholarships total up to \$4,400 per year. For additional information contact the Coordinator of Scholarships, Office of Student Financial Assistance, P.O. Box 629, Grambling, LA 71245 or call (318) 274-6056.

## **VOCATIONAL REHABILITATION PROGRAM**

Restricted to individuals who have physical or mental disabilities that affect employment. The award provides vocational counseling and guidance, medical restorative services and appliances, job placement and follow-up, and skill training services for employment. Physically or mentally challenged individuals who are eligible for vocational rehabilitation may receive funds for tuition, books and supplies, as well as maintenance and transportation allowances. Contact the resident's State Department of Vocational Rehabilitation for further information.

# DIVISION OF FINANCE

## OFFICIAL ENROLLMENT

To retain classes and be considered officially enrolled, fees must be paid in full. Failure to make payment shall result in the cancellation of classes. Students not enrolled during the normal registration period will be assessed a late fee of \$100.

## METHODS OF PAYMENT

### CASH, CHECK, CREDIT CARDS

Students may pay fees in the form of cash, check, or credit cards via the Cashier's Window, the Internet or the Postal Mail.

**The Cashier's Window.** Payments may be made in the form of Cash or Check. Checks will be cleared through Telechek; returned checks will incur a \$25 fee.

**Web Payments via the Internet.** Payments may be made in the form of Check (Returned checks will incur a \$25 fee) or Credit Cards (Visa, MasterCard and American Express)

**Postal Mail.** Payments may be made by Check, which will be cleared through Telechek. Returned checks will incur a 25 fee. Mail Payments to: Grambling State University; Controller's Office; P. O. Box 25; Grambling, LA 71245.

**Bank Wire.** Payments made through Bank Wire must be done through the Controller's Office. For writing instructions, please call (318) 274-6170.

Be sure to indicate student's name and ID number in the memo section of the check. Other helpful information to enclose is the term to which the payment is applicable (ex. fall 2005; spring 2006, summer 2006), telephone contact, and if applicable, the specific purpose of the payment.

## DEFERRED PAYMENTS

The university offers two deferment options.

**Option 1** – University Promissory Note – 25% of a student's current semester's charges may be deferred through the execution of a promissory note. The cost to execute the agreement is \$25 and requires the student to see a cashier or student accounts representative to apply.

**Option 2** – FACTS - Telnet Tuition Payment Plan – Up to 100% may be deferred depending on the time of enrollment. This plan requires direct draft from a checking, savings, or credit card account. The cost of this program is \$25 and may be executed via GSU's web site. Additional information regarding this plan is available on GSU's web site.

## REFUND POLICY

### TUITION AND REQUIRED FEES, MAILBOX, AND NON-RESIDENT FEES

Students who withdraw from the university on or before the 14<sup>th</sup> class day for regular academic terms and 7<sup>th</sup> class day for summer terms may receive credit from 100% of Tuition and Required Fees pending the following:

Credit is subject to regulations governing the federal aid refund policy

- **The withdrawal is tendered via the Official University Withdrawal Form.**
- The Withdrawal Form is received prior to the 14<sup>th</sup> and 7<sup>th</sup> class days as indicated above.
- The assessment of a registration processing fee.
- Students who withdraw from the university **after** the 14<sup>th</sup> class day for regular academic terms and 7<sup>th</sup> class day for summer terms will not receive credit.

## ROOM DEPOSITS

Upon graduating or leaving the university, the room deposit may be refunded. Any outstanding account balance, charge for losses, damage to university property, or other charges due the university will reduce the amount of the refund.

## HOUSING FEE

Students who withdraw from the university on or before the 14<sup>th</sup> class day for regular academic terms and 7<sup>th</sup> class day for summer terms may receive a Housing credit calculated on a daily rate for the term assessed and pending the following:

- The credit is subject to regulations governing the federal aid refund policy
- The withdrawal is tendered via the Official University Withdrawal Form. The withdrawal form is received prior to the 14<sup>th</sup> and 7<sup>th</sup> class days as indicated above.
- Students who withdraw from the university **after** the 14<sup>th</sup> class day for regular academic terms and 7<sup>th</sup> class day for summer terms will not receive a Housing credit.

## WAIVER OF NON-RESIDENT FEE

Non-resident fee waiver qualifications must be met prior to the 14<sup>th</sup> class day for regular academic terms and 7<sup>th</sup> class day for summer terms in order to receive the waiver in the current semester.

## BOARD

Students who withdraw from the university on or before the 14<sup>th</sup> class day for regular academic terms and 7<sup>th</sup> class day for summer terms may receive a pro-rated credit for Board charges. The food service provider calculates the amount of credit pending the following:

- The credit is subject to regulations governing the federal aid refund policy
- The withdrawal is tendered via the Official University Withdrawal Form. The withdrawal form is received prior to the 14<sup>th</sup> and 7<sup>th</sup> class days as indicated above.

## Undergraduate Tuition for Fall 2005-2007

	Resident	Resident	Non-resident	Non-resident
Hours	Commuting (Off Campus)	Boarding (On Campus)	Commuting (Off Campus)	Boarding (On Campus)
12	1,753.00	3,770.00	4,428.00	6,445.00
11	1,635.50	3,652.50	4,088.50	6,105.50
10	1,518.00	3,535.00	3,748.00	5,765.00
9	1,400.50	3,417.50	3,407.50	5,424.50
8	1,283.00	3,300.00	3,067.00	5,084.00
7	1,165.50	3,182.50	2,726.50	4,743.50
6	948.00	2,965.00	948.00	2,965.00
5	830.50	2,847.50	830.50	2,847.50
4	713.00	2,730.00	713.00	2,730.00
1-3	595.50	2,612.50	595.50	2,612.50

## DIVISION OF FINANCE

### Graduate Tuition for Fall 2005-2007

	Resident	Resident	Non-resident	Non-resident
Hours	Commuting (Off Campus)	Boarding (On Campus)	Commuting (Off Campus)	Boarding (On Campus)
12	2,029.00	4,046.00	4,704.00	6,721.00
11	1,888.50	3,905.50	4,341.50	6,358.50
10	1,748.00	3,765.00	3,978.00	5,995.00
9	1,607.50	3,624.50	3,614.50	5,631.50
8	1,467.00	3,484.00	3,251.00	5,268.00
7	1,326.50	3,343.50	2,887.50	4,904.50
6	1,086.00	3,103.00	2,424.00	4,441.00
5	945.50	2,962.50	2,060.50	4,077.50
4	805.00	2,822.00	1,697.00	3,714.00
1-3	664.50	2,681.50	664.50	2,681.50

Note: Fees are subject to change without notification.

#### CREDIT BALANCE REFUNDS AND OTHER STUDENT PAYMENTS

Payments to students resulting from credit balances, refunds work-study, wage and other payments are processed via a university sponsored Visa debit card issued by J. P. Morgan Chase Bank. The card may be used anywhere a Visa Debit card is accepted. The card is provided at no additional cost to the student; however, there is a fee for replacement cards.

This is the university's official method of student payment and each new student must complete a debit card enrollment form to receive a card. Specific information regarding other possible fees and use of the card may be obtained from the Office of Student Accounts or the Cashier's Office.

#### ADDITIONAL COMMON FEES

Students requesting ordinary dormitory housing must pay a \$50 damage deposit fee to the Housing Office. Students requesting apartment-style housing must pay a \$450 damage deposit fee to the Housing Office. Students who register during the late registration period will be assessed a \$100 late fee. International students are assessed a \$60 student service fee. Distance learning students are assessed a \$35 distance learning fee per course.

#### REFUND POLICY

Students who officially withdraw on or before the 14<sup>th</sup> class day for fall/spring terms or the 7<sup>th</sup> class day for the summer term may be refunded 100% of tuition and related fees, room fees; all student refunds are paid via the Grambling State University Pay Card. This card is provided to each student at no cost. Replacement cards may be acquired for a fee of \$25.

#### DORMITORY AND RELATED FEES

**Damage Deposit:** Upon graduating or permanently withdrawing from the university, students must submit a written refund request within 30 days of the effective termination date. The refund is subject to reduction/forfeiture for loss of and/or damage to university property. This deposit is refunded via the Pay Card.

**Room Fee:** Students who do not complete the registration process may be refunded 100% of the room fee. Guaranteed room reservation fees are not refundable. Pro-rata refunds may be calculated for official withdraws occurring after the 14<sup>th</sup> and 7<sup>th</sup> class days for the respective terms.

**Apartment-Style Housing:** The university has a limited number of apartment-style housing units that are leased on an annual basis. The fee and deposit for this housing type are higher than the fee and deposit for ordinary dormitory rooms. Please contact the Housing Office for rates and availability.

#### OTHER

Please reference the University Catalog or contact the student Account's Office for other fees and fee related information.



# DIVISION OF STUDENT AFFAIRS & ENROLLMENT MANAGEMENT

## OVERVIEW

The Division of Student Affairs is under the leadership of the Vice President for Student Affairs. The overarching goals of this division are to support the educational aims, objectives and pursuits of the university students; assist students in eliminating obstacles which interrupt their educational progress; and broaden opportunities for personal, social, cultural and intellectual development for students within the campus environment. Student Affairs collaborates with the other divisions at the university to make the students' educational experience meaningful.

## STUDENT DEVELOPMENT

Student Development recognizes that student learning and growth are the essence of education and should be enhanced and preserved. The essential theory in approaching students under this category is that all students matter and must be given complete consideration in order to be fully educated. Student Development focuses on the departments and services in the division where students find a co-curricular alignment to the academy.

## THE COUNSELING CENTER

The Counseling Center, located on Central Avenue in the west-wing of the Foster-Johnson Health Center, provides "helping, supporting, facilitating" mental health services essential to the university campus. Its services are available to all students, faculty and staff alike. Primarily, the Counseling Center focuses on conducting student interventions and providing resources as needs arise. Student support services specifically include: individual and group counseling, crisis-emergency interventions, educational/awareness and developmental activities, community liaison/resources, and coalition and consultation activities that strengthen students' emotional-mental health functioning. Today's college students must be oriented to world-wide events and cultural diversity as they prepare to lead and participate in the vast society. While common and age-old problems remain challenging, current or seemingly "new" problems require a never-ending ingredient found in the counselor's repertoire – caring for and about the student. From unplanned pregnancy to video addiction, "caring" is in the heart of counseling.

- Individual counseling is provided to students upon personal requests or through referrals. Counseling concerns range from relationships, self-esteem, career decision-making, stress, suicide, and so on. Various counseling approaches and principles are situationally employed. The Brief Counseling Model is generally utilized for its effectiveness in working with a broad range of concerns.
- Group counseling is provided to students with similar goals to accomplish. Group counseling is conducted for concerns that **conclude** addictions (SHAPE – Smart Honest Addiction Prevention education), DEEP (Depression Emotive Education Prevention), and AM (Anger Management). Students may inquire about these groups through the counselors.
- Crisis-Emergency interventions are available 24-7. Proactive and educational activities include a variety of programs that heighten awareness of diseases, social issues, cultural diversity, etc. Coalitions and collaborative activities are frequently provided for the student body. The Counseling Center serves as a training site for Social

Work Internship and Counseling (graduate studies) Internship programs. The Serenity Room offers a calming atmosphere where relaxation is truly enjoyed.

- ADA Student Services (American with Disabilities Act) are made available to students who make their needs known and request accommodations for disabilities that are verifiably documented.
- Professional counselors who are licensed or hold certification are available to assist our students. Appointments, referrals and walk-ins are welcomed. **CONFIDENTIALITY IS ASSURED TO ALL PARTICIPANTS. TELEPHONE: 274-3338/3277.**

## RESIDENTIAL LIFE

The mission of Residential Life at Grambling State University is enhanced through programs that include academic support and residence education.

Residential Life strives to promote academic success by creating positive living and learning environments for students. Services and programs are provided to facilitate students' growth and development in many aspects of their lives. Residential Life is committed to creating a community where student participation and good citizenship are encouraged. The Resident Assistant (RA) program, administered by Residential Life, enables students living in residence halls to develop leadership skills.

## DEPARTMENT OF RESIDENTIAL LIFE

The purpose of the Grambling State University's Department of Residential Life is to promote academic success through positive living and learning environments. A part of the residence halls experience is learning to live and interact with other people from different racial, ethnic, and economic backgrounds. To this end, students are guided to develop a growing sense of maturity and responsibility by participating in student activities, as well as the judicial system; by doing so, students are intellectually stimulated to think critically and to solve problems.

## APPLICATION PROCEDURES

Students planning to live on-campus must complete an on-campus residency application and return it with a non-refundable \$50 application fee to the Department of Residential Life, P.O. Box 540, Grambling, LA 71245.

CERTIFIED CHECKS, MONEY ORDERS, CASHIER'S CHECKS, and TRAVELER'S CHECKS for the \$50 should be made payable to GRAMBLING STATE UNIVERSITY. **DO NOT SEND CASH OR PERSONAL CHECKS.**

## RESIDENCY REQUIREMENT

The University of Louisiana Systems adopted a resolution on November 14, 1969, affecting the housing policy at Grambling State University and all of the colleges and universities under its jurisdiction. In compliance with the State Board Resolution, Grambling State University adopted an on-campus residence requirement.

The resolution further defined the on-campus residence requirements to include a framework within which the colleges and universities may grant exemptions to the general regulation according to the respective university's unique academic qualities.

## ON-CAMPUS HOUSING RULES

All unmarried full-time undergraduate students are required

# DIVISION OF STUDENT AFFAIRS & ENROLLMENT MANAGEMENT

to live in on-campus residence halls as long as space is available unless exempted by the institution for good and reasonable cause, such as:

1. In any case where it appears that a full-time undergraduate student will otherwise suffer significant hardship or because of sufficient financial, medical, or other good and sound reasons shown;
2. In the case of older students as, for example, (a) returning military veteran; (b) previously married person where proper officials make a finding of fact that such individual is by virtue of age and experience incompatible with the educational objectives and values sought to be provided by on-campus residence herein outlined; or
3. Undergraduate students living with parents, grandparents, a brother or sister, or a legal guardian in institutionally-recognized sorority or fraternity housing.

## ORDER OF EXEMPTIONS WHEN SPACE IS NOT AVAILABLE

The order of priority in the granting of permission to live off-campus shall be as follows: seniors, juniors, sophomores, and freshmen, respectively.

In addition, the following rules of priority shall be applied:

1. Students with 60 credit hours or more.
2. First, the students who resided in off-campus housing for the longest period of time since attending the institution; and
3. Second, in accordance with the order of date or application filed.

Exemptions to the requirements of on-campus residence hall living, when the residence halls are filled, will be made according to the following priority:

1. First, undergraduate students who wish to live with a closer relative, defined as grandparent, married brother or married sister.
2. Students with 60 credit hours or more.

The following additional rules of priority shall be applied:

1. First, students who have resided in off-campus housing the longest period of time, and
2. Second, date application was received.

In addition, an exemption may be applied for in a hardship case or by an older student.

## RIGHT TO APPEAL

Any student who has applied for and has been denied an exemption to the on-campus resident requirements shall have the right to appeal such decision in accordance with the requirements of Board Policy.

Any student who has applied for and has been denied an exemption to the on-campus residence requirements shall have the right to appeal such decision to the proper officials in accordance with the provisions and administrative procedures for appeals authorized and established pursuant to the authority of ACT 59 of 1969 (L.R.S. 17:3101).

## APPEAL PROCESS

1. Vice President for Student Affairs/Enrollment Management

## TERMS UNDER WHICH ROOMS ARE ASSIGNED

The following are terms under which rooms in residence halls are assigned.

1. The student's contract for room assignment is on a nine

month academic year basis. Any student not withdrawing from school, but moving off-campus will pay a pro-rated cost for the days in which he/she resided in the residence halls, only if he/she has an approved on-campus exemption following the fourteenth (14th) class day for the fall and spring semesters, and seventh (7th) class day for the summer session.

2. A student living in a residence hall is required to purchase an appropriate meal plan for eating in the university dining hall.
3. Students who specify mutual roommate and residence hall preferences are placed as requested, if possible. The assignments are made at the discretion of the Department of Residential Life.
4. Certain regulations have been established for the maintenance of good living conditions in the residence halls. A student agrees to follow published regulations in accepting a room assignment.
5. Permission to exchange, transfer, or vacate rooms must have the approval of the Department of Residential Life prior to any such change.
6. Upon accepting an assignment, a student agrees to permit authorized university representatives to have access to the room when circumstances warrant such an action.
7. Room assignments and/or keys are non-transferable.
8. The student's contract is to occupy the room only during the time the academic program is operative as stated in the catalogue.
9. The room reservation may be canceled by the student thirty (30) calendar days prior to the opening of the residence halls.

The cancellation notice must be in writing to the Department of Residential Life.

## FOSTER-JOHNSON HEALTH CENTER

### FACILITY AND STAFF

Foster-Johnson Health Center is an ambulatory medical facility. It is the student's advocate for health promotion, disease prevention and early intervention of illness. Our mission is to provide compassionate, accessible and quality health care services to the Grambling State University student body and the community with a respect for confidentiality. A physician, a physician assistant, and a team of professional nurses provide health care. Foster-Johnson Health Center is conveniently located on Central Avenue between the University Police Department and the Intramural Center.

### HOURS OF OPERATION

The Foster-Johnson Health Center is opened on Monday-Friday from 8:00 a.m.-5:00 p.m. Walk-in basis with validated GSU ID card. Physician visits are by appointment only. Emergencies occurring after health center hours are handled through the University Police Department, exts. 2219 or 2222.

### IMMUNIZATION

Proof of Immunization is mandated. Louisiana law (RS 17:170) requires immunization against measles, mumps, rubella, and tetanus-diphtheria for all first-time students attending institutions of higher learning born after 1956. Students who do not meet this requirement are placed on immunization hold and will not be allowed to select classes until evidence of documentation of immunization by a physician has been submitted.

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## MEDICAL HISTORY/MEDICAL CONSENT

Students are encouraged to submit a *Medical History* to the health center. In the event of a medical emergency or life-threatening situation and in consultation with a physician, a *Medical Consent* form granting permission, from you or parent/legal guardian (if you are a minor), to authorize medical treatment is needed.

## MEDICATION

Non-prescription medications are kept in stock at the health center and are available to the students. However, when the physician writes a prescription, the student is responsible for securing the purchase.

## MEDICAL INSURANCE

All students enrolled at Grambling State University, who paid health insurance fees at the time of registration, are covered by a limited student insurance plan. Faculty/staff, with tuition exemption, are excluded from this plan. If the student's health insurance denies the claim, all payments are the responsibility of the student. Insurance brochures are available at the health center.

## EXCUSES

Excuses will be issued for medical emergencies only. You should plan your non-emergency visits during your free period. When you report to the Health Center, it is assumed that you are not missing a class. No personal excuses for exams are given. See your class instructor.

## HEALTH CARE

The student health service provides medical care to students in much the same manner as a private practitioner provides care in an office setting. A physician is on campus Monday, Wednesday, and Friday, two (2) hours per day. In addition to providing primary care for acute and chronic illness, the staff offers health education through individual counseling and distribution of educational pamphlets.

## STUDENT INSURANCE

All undergraduate and full-time graduate students are automatically enrolled in a limited student insurance plan when fees are paid. Students must have a referral and claim form for all off-campus appointments during Health Center hours.

## RELIGIOUS LIFE

Central to the university and community environment are religious activities. Varied denominations are located within the Grambling area. Students avail themselves of regular services, conferences, lectures, and round-table discussions of a religious nature. The university places major emphasis on the positive aspects of ensuing community relations. Objectives of the campus program are as follows:

- provide opportunities that assist students with wholesome views of religion,
- develop a scholarly atmosphere conducive to contemplation, and
- provide cooperative efforts to campus and community religious organizations.

## INTERNATIONAL STUDENTS

Various programs, activities and immigration assistance for undergraduate and graduate international students are available through the Division of Student Affairs. International Week is cel-

ebrated annually recognizing the university's diversity and respect for international education. The Coordinator of Special Projects serves as the advisor for international affairs.

## STUDENT JUDICIAL AFFAIRS

The university, through the Office of Student Judicial Affairs, established a system of judiciaries and a code of student conduct that ensures the safety and welfare of the student and university community. Students admitted to Grambling State University agree to adhere to the rules, regulations, and policies set forth in the *Code of Student Conduct Handbook*. In the event of a violation, the student agrees to adjudication through the judicial process.

## STUDENT LIFE

Student Life is diversity in process. Student Life is a medium for students to participate fully in the university arena and to share meaningful life experiences. From SGA and student organizations to intramural sports and the student union, the focus is on the involvement of students. The effective delivery of student services, external to the classroom, is the responsibility of this area.

## FAVROT STUDENT UNION

The student union at Grambling State University, known as the "community center," the "living room," or the "heartstone" of the university, received its name "Favrot" from Leo M. Favrot, who was in charge of Negro Education for the State of Louisiana under the auspices of the General Education Board. Mr. Favrot was very instrumental in helping the founder, Mr. Charles Phillip Adams, to secure funds for buildings and supplies. Thus, because of the many contributions Mr. Favrot made to the university, it is deserving that the student union be called Favrot Student Union.

Favrot Student Union's role is to serve as the "community center" of the university for all the members of the university family – students, faculty, administration, alumni and guests. It is not just a building; it is also an organization and a program. Together, they represent a comprehensive plan for the community life of the university.

As a "living room" or the "heartstone" of the university, members of the university family rely upon Favrot Student Union's availability as an informal meeting place away from the classroom. Daily activities revolve around its services, conveniences and amenities.

Favrot Student Union is a part of the educational program of the university. As the center of university community life, it serves as a laboratory of citizenship, training students in social responsibility and for leadership in our democracy. Through its various boards, committees, and staff, it provides a cultural, social and recreational program, aiming to make free time activity a cooperative factor with study in education. In all its processes, it encourages self-directed activity, giving maximum opportunity for self-realization and for growth in individual social competency and group effectiveness.

Serving as a unifying force in the life of the university, Favrot Student Union's goal is the development of individuals as well as intellects.

## STUDENT GOVERNMENT ASSOCIATION

The Student Government Association at Grambling State University is the representative and governing body of the un-

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dergraduate and graduate students. It is divided into three branches: executive, legislative, and judicial. These branches work together to run activities and to improve campus life at the university. This organization is directly responsible for bringing the interests and concerns of the students to the attention of the administration.

The purposes of the Student Government Association are to (1) promote unity, political interest, awareness, and school spirit within the institution's family; (2) gain opportunity for student participation in the institution's decision-making process; (3) develop self-direction for students; and (4) serve as a liaison between university administration and student body.

The SGA president, an elected position, who reports directly to the SGA advisor, directs the Student Government Association.

## THE ORCHESIS

The Orchesis was founded to accomplish four major purposes: (1) to train dancers aesthetically; (2) to develop high artistic standards and to foster appreciation of dance as an art form; (3) to create a community awareness of modern dance and make it an accessible experience; and (4) to develop an ongoing repertoire that educates as it entertains.

The Orchesis performs with the Grambling State University Tiger Marching Band. They have appeared at the Bayou Classic in the New Orleans Superdome and were also invited to appear with the Tiger Marching Band in Tokyo, Japan. Additionally, Orchesis appears in New York and Dallas annually as a featured attraction at GSU football games.

During the spring, applications are taken to join the band camp which is a practice session for veterans and a training session for prospective Orchesis. Walk-ons are allowed, and if the individual's performance meets specific standards, she will be offered the opportunity to become a part of the Orchesis.

## GSU CHEERLEADERS

The GSU Tiger Cheerleaders enhance spirit at GSU as well as abroad; they improve student moral; and they continue to become aware of the importance of physical fitness.

A panel of qualified judges critiquing fundamental cheerleading skills, motions, tumbling, partner stunts, showmanship, etc evaluate tryouts. Tryouts are usually held during the end of the spring semester.

GSU Cheerleaders are expected to maintain at least a 2.0 GPA. They participate in all home games and travel to games away from the university.

## RECREATION/INTRAMURAL SPORTS DEPARTMENT

**Program Objectives:** The Recreation/Intramural Sports Department in the Division of Student Affairs is endeavoring to conduct a modern program of sports participation for the students, faculty and staff of Grambling State University.

**Student Objectives:** It is desired that every student who participates in intramural activities benefits by improving physical and mental health by learning the skills and establishing life long patterns of the participation in a variety of activities so that there will be enjoyment of sports in after school life.

**Entry Procedures:** Entry forms and activity schedules may be picked up in the Intramural Complex. Rosters must be completed and returned to the Intramural Office before the entry deadline. Late entries will be placed on a waiting list and included if possible.

1. Team rosters must include first and last names, social security numbers, addresses, and telephone numbers of team managers.

2. Schedules will be made available to all team managers approximately two days after an activity deadline. Schedules may be picked up during regular working hours at the Intramural Office. The Intramural Department WILL NOT be responsible for sending out schedules or notifying captains of schedule changes unless changes come into effect within twenty-four hours of the particular contest.
3. A team member's name must be on the team roster in the Intramural Office twenty-four hours before he or she competes.

**Eligibility:** All students, graduate and undergraduate, who are currently enrolled in the University shall automatically become eligible to participate in all intramural activities and shall retain that status until they withdraw from the University or fail to comply with the intramural rules and regulations.

**Athletic Eligibility:** A squad member of any current varsity sport is ineligible for intramural competition in that sport.

Any man or woman who has played professional or semi-pro athletics in any sport shall be ineligible for those activities in the intramural program.

**Medical Eligibility:** All students taking part in the intramural program must have a health form on file with the health center stipulating proper health. The Intramural Office reserves the right to require proof of a health examination prior to specific activities.

Any student injured in intramural competition to the extent that he/she must be treated by a doctor is considered ineligible until he/she submits a written authorization from the doctor to the Intramural Office giving him/her authorization to re-enter.

**Intramural Activities:** Flag football, volleyball, basketball, 3-on-3 basketball, softball, tennis, track, swimming, weight-lifting, and racquetball are intramural activities.

**Program Activities:** Recreational sports programs satisfy the particular needs of the campus by providing team, dual, individual, meets and special events sport experiences.

Programs provide for various degrees of skill and interest relating to cooperative/competitive play activity in the game form. The overall program includes the following areas:

- A. **Informal Recreation:** A variety of recreational activities are available for participants through self-directed involvement and utilization of campus recreational facilities. Activities include weightlifting, racquetball/handball, basketball, volleyball, table tennis, tennis, jogging/walking, swimming, volleyball and badminton.
- B. **Intramural Sports:** These programs provide various structured sports opportunities to satisfy as many skill levels as possible. Schedules and controlled tournaments, that include elimination, league, challenge, and meet type experiences are provided. Opportunities are included for men, women, and coed play with appropriate rules. Activities include flag football, racquetball, volleyball, basketball, softball, tennis, table tennis, badminton, soccer and swimming.
- C. **Club Sports:** This program area permits and encourages interest groups to organize themselves around a particular sport. These groups involve exceptionally skilled participants who generally initiate the organization, and then provide the leadership necessary to insure growth and success. Activities include powerlifting, karate, bowling, racquetball, volleyball, tennis, soccer, wrestling, swimming, softball and basketball.
- D. **Special Events:** This program area introduces new programs and expands existing ones within and beyond sports. These may represent the unusual and diverse needs of the campus community. This area allows cre-

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ative programming to include all areas of sport and quasi-sport involvement. Activities include Schick 3-on-3 Basketball Tournament, Reebok Spot-Shot Contest, Hot Shot Contest, Slam Dunk, 3-Point Shoot-Out, Table Top Football, Track meets, Fitness Week and Cycling Relay.

E. **Instructional Classes:** These programs provide learning opportunities for participants in such a way as to improve their skills and knowledge in order to enhance enjoyment relevant to sports participation. Clinics, workshops, and skill sessions are used towards achieving this end. Activities include aerobics, tennis, karate, swimming, physical fitness/wellness, weight training/body mechanics and soccer.

F. **Extramural:** Extramural participation is a new and growing component of intramural sports. Extramural, defined as "outside the walls," provides additional sport opportunities to compete against other colleges and universities. This may be through local, state, regional and national competition. Special sport contests and qualifying information is available for the intramural sport office.

**Recreation/Intramural Student Advisory Council:** The GSU Recreation/Intramural Student Advisory Council is a recommending body, and as such, shall serve in an advisory capacity to the director and staff of the Department of Recreation/Intramural Sports. It shall serve as a means of communication between departmental staff and program participants, and shall provide a means for input from Grambling State University students, faculty and staff. The Advisory Council's composition includes a chairperson, secretary, eight (8) representatives, two (2) faculty staff persons, the director and a designee of the Department of Recreation/Intramural Sports.

**Insurance and Liability:** ALL INTRAMURAL PARTICIPANTS ARE URGED TO PURCHASE STUDENT INSURANCE FOR THEIR OWN PROTECTION. Since participation in the recreation/ intramural sports program is on a voluntary basis, neither the University nor the Department of Recreation/Intramural Sports will accept responsibility for injuries sustained during, before or after scheduled intramural contests or the general recreation program.

NOTE: Other policies and procedures can be found in the Recreation/Intramural Sports Handbook located in the Recreational/Intramural Sports Center.

## STUDENT CLUBS AND ORGANIZATIONS

Student organizations at Grambling State University (GSU) provide supportive and cohesive elements for student motivation, initiative, and involvement.

Student organizations provide a valuable service to the GSU campus by promoting leadership development, community spirit, activism, public service, and social and cultural interaction. Each year, the recognized student organizations sponsor conferences, seminars, lectures, debates, and cultural and social events. These programs allow students to meet and to interact with local, state, and nationally renowned scholars, artists, politicians, academicians as well as other professionals.

The Office of Student Organizations is very proud of the countless volunteer hours that student organizations spend on service projects for the campus and community.

## FRATERNITIES/SORORITIES

Fraternities and sororities are an integral part of college life. They develop and promote total student development through group concepts of sisterhood and brotherhood. The following Greek organizations are located on the Grambling campus. The Pan-Hellenic Council is a federation of all campus sororities and fraternities.

## Fraternities

Alpha Phi Alpha Fraternity, Inc.  
Omega Psi Phi Fraternity, Inc.  
Phi Beta Sigma Fraternity, Inc.

## Sororities

Alpha Kappa Alpha Sorority, Inc.  
Delta Sigma Theta Sorority, Inc.  
Sigma Gamma Rho Sorority, Inc.  
Zeta Phi Beta Sorority, Inc.

## STUDENT GOVERNMENT ORGANIZATIONS

These organizations develop leadership and provide political knowledge and governmental interactions through involvement in the administration of campus organizations.

Student Government Association (SGA)  
Senior Class Organization  
Junior Class Organization  
Sophomore Class Organization  
Freshman Class Organization

## ACADEMIC ORGANIZATIONS

Organizations in this category provide students with co-curricular opportunities to learn more about the particular major or minor. Active academic organizations are listed below.

American Marketing Association (AMA)  
American Society of Industrial Security  
Art Guild  
Association for Computing Machinery (ACM)  
BASW Student Social Work Organization  
Biology Club  
Chemistry Club  
Computer Information Systems CIS Club  
Earl Lester Cole Honors Council  
Economic & Finance Club  
Floyd L. Sandle Players  
Future Doctors and Dentist  
Grambling Council of Black Engineers & Scientists  
Grambling Louisiana Early Childhood Association (GLAECA)  
Hospitality Management Club, H.H.  
Master's of Social Work  
National Association of Black Accountants, Inc.  
National Organization for the Professional Advancement of Black Chemists & Chemical Engineers (NOBCCHE)  
National Association of Blacks in Criminal Justice (NABCJ)  
Political Science-Public Administration Coalition  
Public Relations Student Society of America  
Psychology/Sociology Club  
Speech Pathology Club  
Student Council for Exceptional Children  
Psychology/Sociology Club  
Speech Pathology Club  
Student Council for Exceptional Children  
The Paralegal Association

## PROFESSIONAL/NATIONAL INTERNATIONAL HONOR SOCIETIES

These organizations promote excellence in scholastic and more intense involvement in academic areas. Grambling State University holds membership in the following honor societies:

Alpha Mu Gamma  
Alpha Phi Omega National Service Fraternity, Inc.  
Alpha Phi Sigma  
Delta Psi Kappa  
Gamma Beta Phi National Honors Society  
Golden Key National Honor Society  
Iota Epsilon Rho

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Phi Beta Lambda Business Organization  
Sigma Alpha Iota International Music Fraternity for Women  
Sigma Tau Delta  
Tau Beta Sigma

## ECUMENICAL/RELIGIOUS

Religious organizations offer students spiritual and academic leadership in varied denominational settings. Registered Ecumenical-Religious organizations are listed below.

Baptist Student Union  
Catholic Student Organization  
Chi Alpha  
Fellowship of Christian Athletes  
Gamma Phi Delta Christian Fraternity  
Order of Eastern Star  
Strong Tower Gospel Chorale  
Voices of Faith Gospel Choir

## SERVICE ORGANIZATIONS

Service organizations provide beneficent assistance to the campus and/or community at-large. The campus service organizations are listed below.

Bayou Boyz Social Organization  
Bayou Girlz  
Black Dynasty Modeling Troupe  
Eternal Legacy Models  
Favrot Student Union Grambling State Democrats  
Groove Phi Groove  
Krimson Kourt, Inc.  
Ladies of Essence  
National Association for Advancement of Colored People College Chapter (NAACP)  
318 Club Social Organization

## SERVICE ORGANIZATIONS

Service organizations provide beneficent assistance to the campus and/or community at-large. The campus service organizations are listed below.

**City/State:**  
California Club (Cali Club)  
Crescent City  
Florida Club  
Mississippi Club  
Texas Club  
The Windy City Association

**Spirit:**  
Cheer Phi Leader  
Orchesis Dance Company

**Sports:**  
Swim Club

## INTERNATIONAL STUDENT ORGANIZATIONS

Caribbean Club  
International Student Organization  
Los Embajadores (The Spanish Club)  
The Latin American Student Society (LASS)

## MILITARY ORGANIZATIONS

Air Force ROTC  
Army ROTC

## RESIDENCE HALLS

Bowen Hall  
Jones Hall  
Truth Hall  
Wheatley Hall

## UNIVERSITY POLICE

Grambling State University's Police Department is the university's enforcement agent. The police department provides many service-oriented functions to the university community. The department provides police and security services twenty-four hours a day, seven days a week to all university students, faculty, staff and visitors. The University's rules and regulations, as well as all state and federal statutes and all local laws, are enforced by the University Police Department. All Grambling State University officers are commissioned Louisiana Police Officers with all the authority and responsibility of any police officer in the state of Louisiana. They are empowered to make arrests in the matters concerning felonies and misdemeanors. The enforcement authority is ACT 269 of the 1974 Legislature, Section 1805 of Title 17 of the Louisiana Revised Statutes of 1950.

University Police officers are responsible for a full-range of public safety services including crime reports, investigations, medical emergencies, free emergencies, traffic accidents, parking violations, enforcement of laws regulating consumption of alcoholic beverages, the use of controlled dangerous substance, weapons and all other incidents requiring police assistance.

University Police compile information, prepare reports and submit report data to state reporting agencies. The department shares information regarding arrests and serious crimes with the Sheriff's Department. Computer checks of warrants for wanted persons can be conducted through computer link up with the Louisiana Department of Public Safety. The terminal provides access to the National Crime Information Center (NCIC), which accesses the computer files of all criminal justice systems within 50 states, the District of Columbia, the Commonwealth of Puerto Rico, The Virgin Islands and Canada.

Potential criminal activity and other emergencies on University property can be reported directly by any student, faculty, staff and/or visitor. University Police can be reached at 274-2222 or 274-2219.

# ACADEMIC REGULATIONS

## ACADEMIC REGULATIONS

### STUDENT RESPONSIBILITY

All colleges and universities establish certain requirements that must be met before a degree is granted. These requirements concern courses, majors, grade point average, residence requirements and other requirements with which the student must comply. Advisors, department heads and academic deans will help a student meet these requirements, but the student is responsible for fulfilling them. Upon completion of the required course work, personnel of the University will determine if the student is eligible to receive a degree. If the requirements have not been met, the degree will be withheld until obligations have been fulfilled. It is important for each student to become acquainted with the degree requirements and to remain informed.

The university catalog is presented not only to enable prospective students and others to learn about Grambling State University, but to state policies, requirements, regulations and procedures in such form as will help the student progress through school.

### CLASSIFICATION OF STUDENTS

Classification of students is based upon the number of credits earned. Classification is updated by the university computer system at the end of each semester.

Freshman	Less than 30 semester hours
Sophomore	30-59 semester hours
Junior	60-89 semester hours
Senior	90 semester hours

### STUDENT LOAD

Undergraduate students are classified full-time if they schedule twelve (12) or more semester hours for credit. However, a normal load shall be fifteen (15) to eighteen (18) hours per semester. A student may take up to twenty-one (21) hours with the written approval of the academic dean.

A normal load for a six-week summer session is six (6) to ten (10) semester hours. Six (6) semester hours constitute full-time status for a summer session.

Students enrolled concurrently at Grambling State University and another college or university may receive credit for no more than the maximum allowable Grambling State University load for any given semester or term.

### ATTENDANCE

It is always the student's responsibility to be aware of class attendance. At Grambling State University class attendance is regarded as an **obligation** as well as a privilege. Students should attend all classes regularly and punctually. Failure to do so jeopardizes a student's scholastic standing and may lead to immediate **suspension** from the University.

Faculty members are required to state in writing and explain to the students their expectations in regard to class attendance, prior to the close of the drop and add period. Instructors must keep accurate and permanent records in support of the grade assigned. Permanent records are subject to inspection by appropriate college or university officials.

### EXCUSED ABSENCE(S)

Within three (3) days of the student's return to college from an absence, the student who desires an excused absence must submit verification or documentation supporting the reason for the absence to the instructor of each class missed. Acceptable

documentation includes those affidavits provided by doctors, lawyers, parents, and other officials when appropriate. At the discretion of the respective instructors, documents will be reviewed for a decision.

*NOTE:* Official documents must be submitted to substantiate any request for excused absence over two weeks.

### UNEXCUSED ABSENCE(S)

**Freshmen and Sophomores\*:** After receiving three (3) unexcused absences, the instructor will send the student a warning notice,\* and copies will be sent to the department head and the student's academic dean.

After four (4) unexcused absences and with agreement of the instructor, department head, and academic dean, the student may be assigned a grade of "F." Copies of the **notification to drop\*** will be sent to the parents and appropriate University officials.

After the accumulation of ten (10) unexcused absences from all classes, the student will be placed on attendance probation by the academic dean.

Upon the occurrence of the eleventh (11th) unexcused absence, the student may be suspended from the University with a grade of "F" recorded for each class pursued. Copies of the suspended notification\* will be sent to the parents and appropriate University officials.

**Juniors and Seniors\*:** Attendance is not required; however, students are expected to attend all classes. Failure to do so may jeopardize the student's academic standing. Students are not exempted from covered work, tests, or assignments, and an absence that occurs on the day of a quiz, examination, or an assignment may result in failure.

**Tardiness:** Tardiness is equivalent to an absence unless the instructor excuses it at the end of the class period. The student must take the initiative to seek an excused late entrance.

**Dropping a Class:** Unexcused absences that are accumulated in a class that the student plans to drop have the same penalties as other absences.

**Right to Appeal:** Any student penalized for excessive absences may appeal to the academic dean.

\*Failure to receive a notice of unexcused absences does not alter a condition.

### GRADING SYSTEM

Effective the 1961 Fall Semester, the University adopted a 4.00 quality point scale, changing from the 3.00 scale. Effective the 1994 Fall Semester, "W+" grades were discontinued. Students receive a "W" grade for courses dropped/withdrawn. Assignment of grades is listed below.

Letter Grade	Description	Quality Points Per Credit Hour
A	Superior	4
B	Above Average	3
C	Average	2
D	Below Average	1
F	Failure	0
IP	In Progress	Not Computed
W	Withdrawn	Not Computed
I	Incomplete	Computed as "F"
IX	Incomplete Extended	Computed as "F"
P	Passing	Not Computed
NC	No Credit	Not Computed
AU	Audit	Not Computed
Z	Approved Course/ Work Pending	Not Computed

# ACADEMIC REGULATIONS

Quality points earned for each course are determined by multiplying the number of quality points for each grade by the number of hours the course carries. A student's grade point average is computed by adding the total quality points for all courses for which quality point values may be computed, then dividing by the number of GPA hours (divisor). The grade of "P" will be awarded for non-traditional credit and non-credit courses only. Courses so credited will not be used in computing the grade point average.

The grade of "I" (incomplete) means that some relatively small part of the session's work remains undone because of illness or other unavoidable reason. This mark is given in exceptional cases where the student has been passing and gives evidence of ability to pass the course if granted an opportunity to complete an assignment, which was not completed by the termination of the course. Prior to awarding a grade of "I," the instructor must submit an Incomplete Assignment Form to the department head. Undergraduate students must submit all assignments for incomplete work by mid-term of the following regular semester and the instructor must submit the Grade Change Form along with the appropriate copy of the Incomplete Assignment Form to the Registrar's Office not later than two weeks after mid-term. Incomplete grades for graduate students must be changed within one calendar year. The department head, academic dean and vice president for academic affairs must approve the Grade Change Form. The instructor must take the form to the Registrar's Office for the change to be official. The grade of "I" is calculated as "F" in the grade point average. The grade of "I" becomes "F" on the academic transcript if it is not changed by the deadline. Students should not reenroll in a class in order to remove the "I" grade; re-enrolling in a class will not prevent an "I" from being calculated as "F." The Repeat Policy will remove an "F" from the adjusted GPA (see Repeat Policy). If an instructor deems it necessary to extend an "I" grade, he must submit a letter of justification. The department head, dean and vice president for academic affairs must approve the letter.

The grade of "W" indicates withdrawal of the student from the University up to a specified date following mid-term. This date will be published in the university calendar. After this date, a student may not withdraw or drop classes. In extraordinary cases, the registrar may authorize resignation from the institution or the dropping of a course with the grade of "W" after the deadline (see Course Withdrawal and Drop Policy). The instructor cannot change a grade to "W."

The grade of "AU" indicates that the course has been audited; however, no credit is allowed.

When applicable, an "IP" (In Progress) is awarded to students enrolled in courses such as practicums, internships, and others in which course requirements are normally not completed within one term. The "IP" will remain until course requirements are complete by the entire class unless there are students who have been recommended for graduation. At that time a regular grade will be awarded. No credit will be given until the "IP" is converted to a regular grade.

The grade "Z" is for certain approved courses such as a 12-hour course for student teaching. When all work is completed, a Grade Change Form must be processed.

## COURSE NUMBERING SYSTEM

Courses are numbered according to the following system: 000-098, developmental courses; 100-199, freshman; 200-299, sophomore; 300-399, junior; 400-499, senior; 500-599, graduate; 600-800, courses beyond the master's level.

## COURSE WITHDRAWAL AND DROP POLICY

Students may drop courses or may withdraw with grades of "W" up to a specified date following mid-term. This date is usually four weeks after mid-semester and will be published in the university calendar. After the published date, students may not drop courses or withdraw from the University. Students with extraordinary circumstances may submit a letter of appeal and documentation to substantiate the case to the Registrar. The student must show direct cause for his hardship, show that he/she was passing the courses immediately prior to his hardship, and must appeal immediately after his hardship. Dissatisfaction with an anticipated grade or a decision to change a major is not cause for appeal. The instructor cannot change a grade to "W."

If a student receives approval to withdraw after the published date, the grade of "W" shall be assigned in all courses. If a student does not drop courses or withdraw officially from the University, the grade of "F" shall be assigned to all courses, and he/she forfeits the right to a statement of honorable dismissal.

The statute of limitations for an appeal of a change in official academic records is 120 days after the end of the semester/session in which the grade is in question.

## CLASS SCHEDULE ADJUSTMENTS (Drops and Adds)

Students should consult with the assigned academic advisors before initiating any change in registration.

### ADDING COURSES FOR CREDIT

Courses may be added for credit by the advisor/student up to the end of registration. Students will be held responsible for all courses appearing on schedules unless changes were made in accordance with the regulations stated above. Students are strongly advised to check mid-term grades carefully and to drop or request the registrar to clear from the record courses or grades that appear in error. A student may change the section of a course offered in a semester or summer session in the same manner and time frame as that provided for adding courses.

### DROPPING COURSES

For courses dropped within the time limit specified in the university calendar, the student receives the grade of "W." It is the responsibility of the student to complete a Schedule Change Form and submit it to the Office of the Registrar after receiving approval from the appropriate academic advisor. A student who drops all courses must also withdraw from the University.

## REGISTRATION

Students are held individually responsible for information contained in this catalog. Failure to read and comply with policies, regulations and procedures will not exempt students from whatever penalties they may incur.

1. All students at Grambling State University must be properly admitted to the University by the Office of Admissions before they register.
2. Registration is complete only when registration requests have been properly recorded and all fees, deposits and charges are paid. Students are expected to pay all fees at the time of registration.
3. Students are given credit only for those courses in which they are officially registered at the conclusion of the add/drop period.
4. Students will be held responsible for completing all courses for which they initially register, except for changes



# ACADEMIC REGULATIONS

in registration which are officially filed in the Registrar's Office.

5. Students enrolled in courses who do not attend initial class meetings may be dropped from the class if demand for the course exceeds capacity. Departments following this practice will make reasonable efforts to inform students of this action. No student should assume that nonattendance will result in being automatically dropped.
6. The University does not guarantee the availability of particular courses or sections thereof since admission to classes will be authorized only until the maximum number of students allowable in any section has been reached.
7. Should a student or former student fail to pay a debt owed to the University, the University may withhold permission to register, use facilities for which a fee is authorized to be charged to receive services, materials, food or merchandise, or any combination of the above from any person owing a debt until the debt is paid.
8. All first-time students born after 1956 will be required to present proof of measles, mumps, rubella, and tetanus-diphtheria immunizations. This is not an admission requirement, but shall be required of students prior to enrollment at Grambling State University.

## VETERANS' LEGISLATION AND MILITARY STATUS

Grambling State University has been approved by the State Approving Agency for the enrollment of veterans who are eligible for educational benefits under the GI Bill. The Office of Veterans Affairs provides information on educational benefits for veterans attending Grambling State University.

Veterans and eligible dependents should submit an application for enrollment verification to the Registrar's Office. Therefore, students are urged to establish contact with the office upon their arrival on campus.

A veteran, dependent of a disabled or deceased veteran, or eligible persons who are in the National Guard or Reserves, must carry at least twelve (12) hours during the semester and at least six (6) during the summer session to be considered a full-time student.

Veterans with at least one-year military service may be allowed a maximum of six semester credit hours in health and physical education, in accordance with the recommendation of the Commission on Accreditation of Service Experience. Veterans should submit official copies of service records to the Registrar's Office during the first semester of attendance.

Other services to veterans include work-study, tutorial assistance and vocational rehabilitation. These services are available to Grambling State University students who are veterans and dependents of service-connected disabled and deceased veterans and eligible persons who are in the National Guard or Reserves.

## CURRICULUM CHANGE/CATALOG

Students will not be permitted to change curricula except on the advice and consent of both department heads and the deans of both colleges/schools concerned. A request for Curriculum Change Form must be picked up and filed in the Registrar's Office with the required approvals, within 48 hours, to be official. If

a new catalog is in effect when the change becomes official, the student will be subject to regulations of the new catalog.

Except where the State of Louisiana, the University of Louisiana System has set new requirements, a normally progressing student is expected to complete degree requirements as specified in the Grambling State University catalog for the year when the student is admitted to a program in one of the degree granting colleges/schools of the University. In the case of transfer students who are progressing normally at the sophomore or higher classification, the students must meet requirements specified in the catalog current when he/she enters and is admitted to a program at Grambling State University.

Students who discontinue study at Grambling State University for one or more semesters (including those on disciplinary or academic suspension) are not normally progressing students; therefore, they must meet requirements current with the semester in which they return.

## ACCEPTANCE OF TRANSFER CREDITS

Transfer credits will be evaluated by the Admissions Office and added to the permanent record only for persons who are enrolled as degree seeking students. Credits earned at another college/university will be transferred to Grambling State University if the institution is regionally accredited. Effective the 2003 spring semester, a grade of "D" or better is accepted for credit at Grambling State University; however, all courses will be used to calculate the cumulative grade point average. Courses accepted for credit are not necessarily used toward a degree.

## STUDENT TRANSFER GUIDE ARTICULATION SYSTEM MATRICES

To obtain the articulation matrices that indicate the correlation of courses among Louisiana's public colleges and universities, students may either check with the Admissions Office or access it through the Board of Regents web page at [www.regents.state.la.us](http://www.regents.state.la.us).

## CREDIT BY EXAMINATION AND OTHER NON-TRADITIONAL SOURCES

The University provides programs by which a student may earn course credit by examination. These include (1) Advanced Placement Examinations (APP) which are a part of the Advanced Placement Programs available in a limited number of secondary schools, (2) CLEP, Subject College Level Examination Program, (3) Credit by departmental examination and (4) military credit.

## ADVANCED PLACEMENT PROGRAM

By means of the advanced placement program, beginning students with superior ability and academic competence may be awarded college credit in some subjects. These are highly qualified students who have taken college level courses in conjunction with their high school programs. Annually during the month of May, advanced placement examinations are provided to students who are involved in advanced placement programs. The following is a summary of courses offered and credit awarded by Grambling State University along with the examination scores.

## ACADEMIC REGULATIONS

AP Exam	Minimum Score	GSU Course(s)	Credit Hours
Art History	3	Art 215, 216	6
Biology	3	Biol 103, 105 or Biol 113, 115	4
Calculus AB	3	Math 131 or 147	3
Calculus BC	3	Math 153, 154	6
Chemistry	3	Chem 105, 111	6
Computer Science A	3	CS 107	3
Computer Science AB	3	CS 110, 120	6
Economics Macro	3	Econ 201	3
Economics Micro	3	Econ 202	3
English Language and Composition	3	Eng 101, 102	6
English Literature and Composition	3	Eng 200, 213	6
Environmental Science	3	Chem 101 or Biol 113, 115 or Biol 103, 105	4
European History	3	Hist 101, 102	6
French Language	3	Fren 101	3
	4	Fren 101, 102	6
	5	Fren 101, 102, 201	9
French Literature	N/A		
German Language	N/A		
Government & Politics: Comparative	N/A		
Government & Politics: United States	N/A		
Latin: Vergil	N/A		
Latin: Literature	N/A		
Music Theory	N/A		
Physics B	3	Phys 109, 110 111, 112	8
Physics C: Mechanics	3	Phys 151, 151P, 151L	5
Physics C: Electricity & Magnetism	3	Phys 152, 152P, 152L	5
Psychology	3	Psy 200	3
Spanish Language	3	Span 101	3
	4	Span 101, 102	6
	5	Span 101, 102, 201	9
Spanish Literature	N/A		
Statistics	3	Stat 273	3
Studio Art Drawing	3	Art 101, 102	6
U.S. History	3	Hist 201, 202	6

### COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

A student at Grambling State University may gain credit in a number of subjects by scoring on a Subject Examination at or above the level recommended by the College Level Examination Program. The examinations are available at Louisiana Tech's Testing Center and are given on Wednesdays (10:00 a.m. and 3:00 p.m.). Registration must be filed in the Counseling Center three weeks prior to a test date. Applications are available in the Louisiana Tech Counseling Center. Scores are provided by the Educational Testing Service with the exception of the essay for college composition that will be scored by Grambling State University's English Department.

Students are graded on a pass/fail basis and must earn the minimum scores indicated for a passing grade. The grade is not computed in the student's cumulative grade point average nor does it replace an earned letter grade. Students may not attempt credit by examination more than once in a given course.

Credit by means of Subject CLEP Examinations is limited to 30 semester hours. Whether or not this credit is applicable to a student's program will be determined by those responsible for their academic program. Some of the Subject Examinations, presently available and approved by Grambling State University, the course(s) for which they substitute, and the level of scoring needed on each for earning credit is available from the Office of the Registrar.

# ACADEMIC REGULATIONS

## COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP) CREDIT

CLEP Examinations	Grambling's Equivalent Course	Paper & Pencil Testing		Computer Based Testing	
		Passing Score	Semester Hrs.	Passing Score	Semester Hrs.
<b>Business</b>					
Accounting, Prin of	ACCT 201/202 – Prin of Acct I & II	45	6	50	6
Business Law, Intro to	GB 301 – Business Law	51	3	50	3
Information Systems and Comp Applications	CIS 115 – Intro to Computer Software Appl	52	3	50	3
Management, Prin of	MAN 301 – Prin & Policies Management	46	3	50	3
Marketing, Prin of	MKT 301 – Prin of Marketing	50	3	50	3
<b>Composition and Literature</b>					
American Literature	ENG 203 AND 204 – Intro to American Literature I & II	46	6	50	6
Analyzing & Interpreting Literature	NOT AVAILABLE				
English Composition, (with or without essay)	ENG 213 – Advanced Composition	420-500	3	50	3
English Literature	ENG 205 and 206 – Intro to English Literature I & II	46	6	50	6
Freshman College Composition	ENG 101/102 – Freshman Comp I and II	44	6	50	6
Humanities	HUM 200, 201, 202, 301, or HIST 201	420-500	6	50	6
<b>Foreign Languages</b>					
French Lang, Level I	FREN 101/102 – Elementary French	42	6	50	6
French Lang, Level 2	FREN 101/102/201/202 – Elemen/Interm French	45	12	62	12
German Lang Level 1	NOT AVAILABLE				
German Lang, Level 2	NOT AVAILABLE				
Spanish Lang, Level 1	SPAN 101/102 – Elementary Spanish	45	6	50	6
Spanish Lang, Level 2	SPAN 101/102/201/202 – Elemen/Interm Spanish	50	12	66	12
<b>History and Social Sciences</b>					
American Government	PS 201 – American National Government	47	3	50	3
Educational Psy, Intro to	ED 300 – Educational Psychology	47	3	50	3
History of the U.S. I: Early Colonizations to 1877	HIST 201 – American National Multicultural History to 1877	47	3	50	3
History of the U. S. II: 1865 to Present	HIST 202 – Recent American History	46	3	50	3
Human Growth & Development	ED 200 – Human Growth and Development	45	3	50	3
Macroeconomics, Prin of	ECON 201 – Macro Economics	44	3	50	3
Microeconomics, Prin of	ECON 202 – Micro Economics	41	3	50	3
Psychology, Intro.	PSY 200 – General Psychology	420-500	6	50	3
Social Sciences & Hist.	Social Science Electives	47	3	50	6
Sociology, Intro.	SOC 201 – Introduction to Sociology	47	3	50	3
Western Civilization I: Ancient Near East to 1648 to the Present	HIST 101 – History of Western Civilization I	46	3	50	3
Western Civilization II: 1648 to the Present	HIST 102 – History of Civilization II	47	3	50	3
<b>Science and Mathematics</b>					
Biology	BIOL 103/104 – General Biology Lecture	46	6	50	6
Calculus	MATH 153 – Calculus I	41	3	50	3
Chemistry	CHEM 111/112 – General Chemistry	47	6	50	6
College Algebra	Math 131 – College Algebra	46	3	50	3
College Algebra-Trig.	NOT AVAILABLE				
College Mathematics	NOT AVAILABLE				
Natural Sciences	NOT AVAILABLE				
Trigonometry	MATH 148 – Pre-Calculus I	50	3	50	3

# ACADEMIC REGULATIONS

## CREDIT BY DEPARTMENTAL EXAMINATION

Several departments within the University prepare, administer, score, and award credit for their own examinations. Credit examinations are administered in some subject areas for the benefit of the students who believe they have already attained the level of knowledge required in the course(s).

The procedure for registering for credit by examination is listed below.

1. Students may register for credit by examination in any approved course, but only during regular registration periods. No examination can be given to a student who has not properly registered for the examination. Permission to take a credit examination in a given course will be denied students who have previously attempted the course for credit, who have earned credit in a higher sequence course, or who have audited the course.
2. Each credit examination must be approved in advance by the student's advisor, dean of the college in which student is registered and head of the department in which course is offered. Credits by examination should be approved only if a student has already gained a fundamental knowledge of the course.
3. Permission to take a credit examination should be granted only to students currently enrolled at Grambling State University.
4. Credit for a course taken by examination can be awarded only if the student is officially registered for the course, except in the case of nursing students.
5. If a student has registered in a course or failed a prior credit examination in the course, he will not be permitted to take a credit by examination in the course. A credit examination, once failed, may not be repeated.
6. No instructor should give a credit examination until the official application is completed by the student and approved by the proper officials.
7. The maximum credit which can be awarded through credit by examination is 24 semester hours (not more than six semester hours in any semester, except in the case of nursing students for which 38 semester hours is the maximum for RN students). This includes credit by examination earned by transfer students prior to being admitted to Grambling State University.

## CREDIT FOR MILITARY SERVICE

Veterans with at least one year military service may be allowed a maximum of six semester hours credit in health and physical education, in accordance with the recommendations of the Commission on Accreditation of Service Experiences. Veterans should submit official copies of service records to the Registrar's Office during the first semester of attendance.

Credit will be allowed for college-level courses completed by correspondence and/or group study through the United States Armed Forces Institute. Official copies of these credits should be submitted to the Office of Admissions/Recruitment when the application for admission is sent.

## AUDITING COURSES

A student who wants to enroll in a college credit course for personal enrichment and who does not want to earn college credit may select to audit the course. The decision should be made at the time of registration.

To audit a course the student must meet admission requirements, receive the approval of the department in which the course is offered (bring approval to the Registrar's Office), pay the audit fee (same as fee charged for credit) and complete the registration procedure. However, a student may not take more

than the maximum allowable hours during any semester-this includes hours audited. Students who audit will not receive credit nor be permitted to take credit examination in courses audited. Anyone who wishes to change registration from audit to credit or from credit to audit must make the change before or on the last day of registration. A student may audit no more than 3 or 4 credit hours (one course) in any semester. A course audited cannot be used to fulfill graduation requirements. A course previously audited may be taken for credit by enrolling in the course.

## GRAMBLING-LOUISIANA TECH INTER-INSTITUTIONAL COOPERATIVE PROGRAM (ICP)

Grambling State University and Louisiana Tech University, in order to facilitate free exchange of students, operate an Inter-Institutional Cooperative Program (ICP). This program makes it possible for students to enroll for courses at both schools. Faculty exchange between the two institutions is also a part of the program.

Application for courses to be taken on the cooperating campuses must be made at the institution where admission requirements have been met and degree programs are being pursued. Credits earned may apply toward a degree at the home institution. The student's dean or authorized representative must approve the course(s) selected and the course load. A copy of the student's transcript bearing the official seal will be furnished to his/her home institution.

An ICP student will be charged "full fees" at the home institution, regardless of course load. This will not require additional fees from the visiting institution.

Grambling State University students who are planning to graduate in the spring or summer session should NOT enroll in ICP courses; the grades will not be available by the graduation date.

Grambling students wishing to take a Louisiana Tech course should pick up and return the form to the Registrar's Office.

## POLICY ON REPEATING COURSES

When a student repeats a course, it is recorded on the transcript each time. All grades are used in calculating the cumulative grade point average (GPA). An adjusted GPA, which uses only the last grade earned if a class has been repeated, will be used where necessary for graduation. However, the adjusted GPA will not be printed on the transcript. The cumulative GPA is used to determine academic status (probation/suspension) and for the purpose of awarding honors and campus awards (effective the 2000 fall semester). Students should be aware that other four-year colleges and universities may not honor Grambling State University's repeat policy.

## PROCEDURE FOR APPEALING A GRADE

It is an important part of the teaching responsibility of the faculty to provide careful evaluation and timely assignment of an appropriate grade to each enrolled student. There is a presumption that grades assigned are correct. It is the responsibility of the student appealing an assigned grade to demonstrate otherwise. In the absence of compelling reasons, such as instructor's error or clerical error, etc., the grade determined by the instructor of record is to be considered final.

A student who believes that an appropriate grade has not been assigned may appeal by using the following procedure.

# ACADEMIC REGULATIONS

1. The student should attempt to resolve the problem within 30 days (after the end of the term in which the course was offered) with the instructor who assigned the grade. If the instructor determines that an error has been made in submitting the grade, a Grade Change Form (available in the academic departmental office) must be initiated by the instructor immediately. Documentation to justify the change must be provided for the approving officials. The form must be approved by the department head, academic dean and vice president for academic affairs; the instructor must bring the form to the Registrar's Office to make the change official.
2. If the student is not satisfied with the instructor's decision, he or she should file a written appeal within 120 calendar days after the end of the semester/session to the head of the department in which the course was offered.
3. If the problem is not resolved at the department head's level, the student should file a written appeal within 10 working days to the dean of the college offering the course.
4. If the problem is not resolved at this level, a written appeal must be sent to the Provost/Vice President for Academic Affairs within 10 working days. The Provost/Vice President for Academic Affairs will rule on the matter within 10 working days and will inform the student, faculty member, the registrar, and other appropriate University personnel in writing. The decision of the Provost/Vice President for Academic Affairs is final.
5. Candidates for degrees should immediately notify their graduation evaluator if there is some question pending resolution when the final semester ends.

## ACADEMIC STATUS POLICY

A student's academic status is a general indication of the student's eligibility to remain in school. It may affect a student's eligibility for scholarships, financial aid, participation in intercollegiate athletics and other student activities. A student's academic status is determined at the end of each semester and summer session. Although students will usually receive official notification of academic status, such notice is not a prerequisite to a student being placed on probation or suspension.

Effective the 1999 Spring Semester, the University began using the cumulative GPA, rather than the adjusted GPA, to determine academic status (probation/suspension).

**ACADEMIC PROBATION:** A student will be placed on academic probation whenever his/her cumulative average is ten (10) or more quality points below a 2.0 average. To determine this, one should multiply by two the cumulative hours attempted (GPA hours). If the answer is ten or more quality points greater than the actual cumulative quality points earned, the student is placed on probation. (e.g., Student pursues 15 semester hours and earns 21 quality points. Multiply  $15 \times 2 = 30$ ; subtract 21 from 30 = 9; student is not on probation because nine is less than ten.) Until the 1999 Spring Semester, the adjusted GPA was used to determine the academic status. Once on academic probation, a student will remain on probation (as long as each semester or summer session's average is at least 2.0) until the cumulative GPA of 2.0 or higher is achieved.

**ACADEMIC SUSPENSION:** A student on academic probation will be suspended from Grambling State University at the conclusion of any semester or summer session in which a grade point average of at least 2.0 is not obtained. A first-time freshman, admitted in good standing, will not be suspended prior to the completion of two semesters of enrollment. Registration will be canceled for a student who registers during early or regular

registration (prior to the end of a semester or summer session) and is then suspended.

**FIRST SUSPENSION:** The first period of suspension will be for one regular semester. A student suspended from the University for the first time at the end of the spring semester may attend the summer session without appeal. If the cumulative GPA is raised to 2.0 or higher, the student is placed in academic good standing and the suspension period is lifted. The student may then attend the fall semester without appeal. If the cumulative GPA is not raised to a 2.0 or higher in the summer session, the suspension for the fall semester will remain in effect. In this case, only one suspension is counted.

**SECOND OR SUBSEQUENT SUSPENSION:** A student suspended from the University for a second or subsequent time at the end of the spring semester may also attend summer school. To be readmitted to any semester other than the summer session, he/she must appeal. The student must remain out of the University or any other University of Louisiana System for one calendar year. The student may then apply for readmission, which may be granted, delayed, or denied.

A student suspended from a University of Louisiana institution may not enroll in another university within the System, but may enroll in a community college with approval of both the suspending institution and the community college. Credits earned under these conditions may be accepted for a degree at the suspending institution provided grades of "C" or higher are earned in each of the courses to be transferred. During summer sessions, students on academic suspension may earn credits at either Grambling State University or other regionally accredited colleges/universities. While on suspension, only credits earned during the summer sessions will be accepted by Grambling State University for credit (effective 2002 summer).

Transfer students who have been suspended from other systems may appeal to enroll at a University of Louisiana institution during the academic suspension period only if they have a 2.0 cumulative average. Appeals may be granted or denied.

**APPEAL:** If a student is on academic suspension due to extenuating circumstances, he/she may send a written appeal for immediate reinstatement to his/her academic dean. Supporting documents for the extenuating circumstances must be sent along with the letter of appeal. Gaining readmission by appeal does not remove the suspension from the academic records.

## ACADEMIC RENEWAL

### (a.k.a. AMNESTY, BANKRUPTCY)

Undergraduate students may, at the time of application for admission or readmission to the University, file for academic renewal in the Registrar's Office if they have not been enrolled in any college or university for a period of three calendar years immediately preceding their enrollment at Grambling. No courses that have previously been taken, whether passed or failed, will be counted in the student's grade point average or toward graduation. However, the courses and grades will remain on the student's scholastic records and transcripts. The grade point average for determining graduation honors will include all grades on the undergraduate record. Students are cautioned that many undergraduate professional curricula and most graduate and professional schools compute the undergraduate grade point average on all hours attempted when considering applications for admission. Grambling State University may choose to accept or not accept, in transfer, academic renewal granted at another institution. However, academic renewal can be granted only once, regardless of the institutions attended.

# ACADEMIC REGULATIONS

## CHANGE OF GRADE

After a grade is submitted to the Registrar's Office, the instructor of record is the only individual who can change the grade with verification to his department head that an error was made in reporting the grade. The instructor must initiate the grade change form (available in the academic departmental office). The department head, academic dean and vice president for academic affairs must approve the form; the instructor must bring the form to the Registrar's Office. The change will be recorded by the Registrar's Office after the instructor makes the change on the official grade sheet.

Materials submitted after the official completion of a course by means of the final examination and/or otherwise may not be used as a means of continuing the course and thus changing a previously submitted grade. Only the grade of "I" established at the end of the course may be changed into a regular grade by the submission of additional material agreed upon previously. Any change of "I" to a grade for undergraduate students must be received in the Registrar's Office by a designated date after mid-term of the following semester that the student is enrolled or within one calendar year if the student does not enroll. Incompletes must be removed within one year for graduate students. "I" grades are calculated as "F." The instructor cannot change a grade to "W."

When applicable, an "IP" (In Progress) is awarded to students enrolled in special identified courses such as practicums, internships, and others in which course requirements are normally not completed within one term. The "IP" will remain until course requirements have been completed. At that time a regular grade will be awarded. No credit will be given until the "IP" is converted to a regular grade for the entire class.

The deadline for grade changes is 90 days after the end of the semester, unless the student has submitted a written appeal (see Procedure for Appealing a Grade).

The Registrar or the Provost/Vice President for Academic Affairs should approve other administrative changes.

## FINAL GRADE REPORTS

Students must check Banner web for their mid-term/final grades. Final grades will be available within three working days after grades are due from faculty.

## CHANGE OF ADDRESS/NAME/SSN

A student must give a home and a local address at the time of admission. If either address changes while the student is enrolled, the new address must immediately be filed in the Office of the Registrar. A student is responsible for the accuracy of the address currently on file in the offices of the University.

A student wishing to change the name on University records because of marriage or divorce must complete the change of name form in the Office of Registrar. The student must present official supporting documents for the name change. Other name changes are made upon presentation of a court order. To have a social security number changed, the student must present a copy of the social security card.

## TRANSCRIPT OF ACADEMIC RECORD

Transcripts of student records will be issued only at the written request of the student. No transcript requests will be processed unless the student's admissions file is complete and or until all financial obligations to the University have been met. All transfer work will be recorded on the Grambling State University transcript. The University will not copy and release tran-

scripts and or test scores from other colleges/institutions. Students should request this information directly from the appropriate college/university, high school, or testing service. Academic advisors may have access to students' records for advising purposes only.

Transcripts are usually prepared within five working days after the request is received except during school holidays and the end of the semester. At the end of each semester, approximately ten working days are required to process a transcript request.

Students may print an unofficial transcript on Banner web.

## FRESHMAN SEMINAR REQUIREMENTS FOR TRANSFER STUDENTS

A student who transfers to Grambling State University with 30 or more semester hours accepted by the University goes directly to the college or school of his/her major interest and will not be required to take BSS 101 Freshman Seminar.

## MINI-SEMESTER

Mini-semester sessions (seminars, tours) may be offered in addition to fall, spring, or summer sessions. These sessions are generally about three weeks in length. The credit hours for these sessions range from three to six semester hours.

## PRIVILEGE TO GRADUATING SENIORS

Graduating seniors who have a minimum cumulative undergraduate GPA of 3.2 on all undergraduate work attempted may be allowed to register for graduate credit if they meet the following criteria:

1. Students' admission into the program must be approved by the graduate dean and academic dean.
2. Students who lack no more than 30 semester hours to complete baccalaureate degree requirements may take graduate courses.
3. Students may earn no more than 12 graduate credit hours while completing baccalaureate requirements.
4. Students cannot use courses taken for graduate credit to satisfy undergraduate requirements.
5. Students will retain their undergraduate status until they have been awarded the baccalaureate degree.
6. While in the concurrent program, students must maintain a minimum cumulative graduate GPA of 3.0.

This arrangement is to be considered a special privilege to outstanding graduating seniors and does not imply admission to the Graduate School.

## GENERAL REQUIREMENTS FOR GRADUATION

A candidate for the baccalaureate degree must fulfill the following requirements listed below.

1. Complete one of the curricula as outlined in the University catalog. The total number of hours required and quality points vary with several curricula.
2. Earn a passing score on the Rising Junior Examination (RJE), including components of the English Proficiency and Mathematics Proficiency. This requires enrollment in GET 300, a non-credit course, in the second semester of the sophomore year and having earned 45 semester hours exclusive of remedial courses.

# ACADEMIC REGULATIONS

3. Earn at least thirty semester hours in residence.
4. Complete the senior year in residence. Exception to this regulation may be made at the dean's discretion.
5. If the requirements of an outside agency, such as an accrediting agency or teacher certification department, cause changes in curriculum requirements, those changes may be made without prior notice. Students may be required to comply with such changes when they become effective.
6. Clear all financial obligations to the University prior to graduation.
7. File an application in the dean's office. This should be done at the time of registration in the last semester or summer session in which the candidate completes degree requirements. Each candidate must be recommended for graduation by the academic dean.
8. Be present for commencement exercises unless written approval to be absent is given by the candidate's academic dean. If a candidate does not participate in commencement without the approval of academic deans, an absentee fee of \$10 will be assessed.
9. A student who does not follow and complete the above requirements and procedures will not be allowed to graduate.
10. The minimum GPA for graduation is 2.00 on a 4.00 scale. A higher GPA is required for certain majors. The adjusted GPA may be used where necessary for graduation.

## CORRESPONDENCE AND EXTENSION COURSES

Grambling State University does not offer correspondence work, but will accept a maximum of 30 semester hours of correspondence or extension credit from accredited institutions that offer such work. Any student who plans to take any work elsewhere must obtain written approval from his/her academic dean, a copy of which should be filed in the Registrar's Office.

## TIME LIMITATION

There is no strict regulation with respect to the total amount of time in which undergraduate students may fulfill their degree requirements, provided they maintain an appropriate grade point average and give evidence of being seriously interested in the eventual achievement of their academic objectives.

## REQUIREMENTS FOR SECOND UNDERGRADUATE DEGREES

To receive a second bachelor's degree, a student must earn a minimum of an additional thirty (30) semester hours and meet all requirements for the second degree.

## MINORS AND DOUBLE MAJORS

The department head and the dean of the appropriate academic curriculum must approve requirements for minors and double majors. Students pursuing associate degrees cannot earn a minor.

The department head and the dean of the college of the appropriate academic curriculum must approve any substitutions for courses in a minor or a double major degree plan in advance.

If a student is working toward degrees in different colleges, he/she must be enrolled in one of the colleges involved and develop degree plans with both deans.

## AWARDING AN ASSOCIATE DEGREE

An associate degree may not be awarded with or after an upper-level degree in the same major.

## RISING JUNIOR EXAMINATION

The Rising Junior Examination is a required test of general knowledge, understandings and skills administered to sophomores who have earned between forty-five (45) and sixty-one (61) semester hours credit.

## ACADEMIC HONORS

Effective summer 2003, the system-wide standard grade point average for honors is below:

### HONOR ROLL

A full-time student who makes a minimum 3.0 GPA will be placed on the honor roll for that semester.

### DEAN'S LIST

A full-time student who makes a minimum 3.20 GPA will be placed on the Dean's List.

### PRESIDENT'S LIST

A full-time student who makes a minimum 3.50 GPA will be placed on the President's List.

## GRADUATION HONORS

Effective summer 2003, the system-wide standard grade point average (GPA) for each of the honors at graduation shall be as follows:

Cum laude	3.50-3.69
Magna cum laude	3.70-3.89
Summa cum laude	3.90-4.00

The GPA for all of the honor recognitions shall be the true cumulative GPA computed by utilizing all course grades earned. Please note the true cumulative GPA should be used for rankings, transcripts, and other purposes; the adjusted GPA may be used only for graduation purposes.

Students receiving their first associate degree may also receive special recognition for outstanding academic performance. The following conditions govern such recognition.

1. Students must earn an average of 3.30 to 3.69 on all hours pursued for "Honors."
2. Students must earn an average of 3.70 or above for "Distinction."
3. Students must earn a total of 15 semester hours at Grambling State University

## UNDERGRADUATE CORE REQUIREMENTS FOR GRADUATION

A candidate for an Associate or a Baccalaureate degree must fulfill the following three sets of course requirements:

1. Complete the Board of Regents Required General Education Coursework.
2. Complete the Grambling State University Required General Education Coursework.
3. Complete the courses required for a specific major.

# ACADEMIC REGULATIONS

## ASSOCIATE DEGREES

### Board of Regents

#### General Education Course Requirements:

English (composition)	6
Mathematics	<u>6</u>
Total:	12

### Grambling State University

#### General Education Course Requirements:

Freshman Seminar (BSS 101)	2
Health or Phys Ed (activity)	1
Computer Literacy (CS 107)	<u>3</u>
Total:	6

#### Degree Course Requirements:

Range	51-58
Total range for Associate Degrees:	61-76

## BACHELOR DEGREES

### Board of Regents General Education Course Requirements:

The Board of Regents has designated both REQUIRED and SUGGESTED coursework in general education for baccalaureate degrees, and has urged all public colleges and universities to prominently display them in their respective catalogs, brochures, and other publications. Students who complete the Regent's SUGGESTED coursework with a cumulative grade point average of 3.0 or better (on a 4.0 scale) shall be awarded the Certificate of Excellence.

### Board of Regents

#### General Education Requirements:

English	6
Mathematics	6
Computer Literacy	3
Natural Sciences	9
Art	3
Humanities	9
Social Sciences	<u>6</u>
Total:	42

#### Compliance by GSU

English 101, 102	6
*Math 131, 132	6
*CS 107	3
*Biol 103, 104	9
Chem 101 or Sci 101	
Art 105 or Art 210 or Mus 219	3
Hist 201, ST 208 or 212, **TBN	9
Econ 201, **TBN	<u>6</u>
Total:	42

\*or higher equivalent based on major

\*\*TBN (To be named by the Department)

#### Breakdown of Hours and Categories

General Education	42
Major Courses	36-40
Minor Courses	18
Elective Courses	14-19
GSU Requirements	7-8
BSS 101—Freshman Seminar	2
HED 100—First Aid	1
PE—P.E. Activity	1-2
ENG 213—Advanced Composition	3

## ACADEMIC DISHONESTY

The University functions best when its members treat one another with honesty, fairness, respect, and trust. Students should realize that deception for individual gain is an offense against the members of the entire community, and it is their responsibility to be informed of University regulations on Academic Dishonesty by reading the catalog. It is a duty of faculty members to take measures to preserve and transmit the values of the academic community in the learning environment that they create for their students and in their own academic pursuits. To this end, they are expected to instill in their students a respect for integrity and a desire to behave honestly. They are also expected to take measures to discourage student academic dishonesty, to adjust grades appropriately if academic dishonesty is encountered, and, when warranted, to recommend that additional administrative sanctions be considered.

### EXAMPLES OF ACADEMIC DISHONESTY

- Cheating:** possessing unauthorized sources of information during an examination; copying the work of another student or permitting copying by another student during an exam; completing an assignment, such as an exam, paper, lab report, or computer program for another student; submitting material produced by someone else; submitting out-of-class work for an in-class assignment; altering graded work after instructor evaluation and re-submitting it for regrading; retaining exams or other materials after they were supposed to be returned to an instructor, inventing data or falsifying an account of data collection.
- Plagiarism:** taking the words or substance of another and either copying or paraphrasing the work without giving credit to the source (e.g., through footnotes, quotation marks, reference citations).
- Other forms:** providing material to another person with knowledge it will be improperly used, possessing another student's work without permission, selling or purchasing materials for class assignments, altering another student's assignment, knowingly furnishing false or incomplete academic information, altering documents affecting student records, forging a signature or falsifying information on any official academic document.

### PREVENTION OF ACADEMIC DISHONESTY

- Students should be aware of the standards of academic honesty by being provided with a clear definition of expectations and standards and of the consequences for dishonesty.
- Faculty should seek appropriate opportunities to become familiar with student capabilities (e.g. in class assignments, quizzes).
- To minimize or eliminate cheating, faculty shall keep exams in secure locations, consider developing multiple versions of exams, consider avoiding the use of exam questions in instructors' manuals, provide space or exam books for test responses.
- To discourage plagiarism, faculty can meet periodically with students to review progress on their papers, require submission of a preliminary draft, provide a sequence of separate assignments in the development of papers.

### DEALING WITH INSTANCES OF ACADEMIC DISHONESTY

- Cheating:** the student should be informed promptly of suspicions (in private, if possible), materials should be



# ACADEMIC REGULATIONS

confiscated if the exam is in progress and the student allowed to finish, and the names of adjacent students should be noted.

2. **Plagiarism:** documentation should be assembled and the student promptly informed in private.

## SANCTION

1. Whenever academic dishonesty occurs, the faculty member should take appropriate action by reporting the infraction to the Dean of the student's major.
2. If it is found that suspected student(s) performed an act of academic dishonesty, the Dean will determine the penalty in accordance with the following:
  - (a) First Offense, minimum penalty: "F" for the course in which the act of academic misconduct occurred, maximum penalty: suspension from the University for the remainder of the semester.
  - (b) Second Offense, maximum penalty: Indefinite suspension from the University.

## ACCEPTABLE USE POLICY FOR COMPUTER TECHNOLOGY

The computing facilities at Grambling State University are provided for the use of Grambling State University students, faculty and staff in support of the programs of the University. All students, faculty and staff are responsible for seeing that these computing facilities are used in an effective, efficient, ethical and lawful manner.

The following policies relate to their use.

1. Computer facilities and accounts are owned by the University and are to be used for university-related activities only. All access to central computer systems, including the issuing of passwords, must be approved through the Information Resource Center.
2. Computer equipment and accounts are to be used only for the purpose for which they are assigned and are not to be used for commercial purposes or non-university related business.
3. Others must not use an account assigned to an individual, by the Information Resource Center without explicit permission from the instructor or administrator requesting the account and by the Information Resource Center. The individual is responsible for the proper use of the account, including proper password protection.
4. Programs and files are confidential. They may be made available to other authorized individuals with permission from appropriate authority. Information Resource Center personnel may access others' files when necessary for the maintenance of central computer systems. When performing maintenance, every effort is made to insure the privacy of a user's files. However, if violations are discovered, they will be reported immediately to the appropriate vice president.
5. Electronic communications facilities (such as EMAIL) are for university-related activities only. Fraudulent, harassing or obscene messages, pictures and or other materials are not to be sent, retrieved or stored.
6. No one may deliberately attempt to degrade the performance of a computer system or to deprive authorized personnel of resources or access to any University computer system
7. Loopholes in computer security systems or knowledge of a special password must not be used to damage computer systems, obtain extra resources, take resources

from another user, gain access to systems; or use systems for which proper authorization has not been given.

8. Computer software protected by copyright is not to be copied from, into, or by using campus computing facilities, except as permitted by law or by the contract with the owner of the copyright. This means that such computer and microcomputer software may only be copied in order to make back-up copies, if permitted by the copyright owner. The number of copies and distribution of the copies may not be done in such a way that the number of simultaneous users in a department exceeds the number of original copies purchased by that department.

An individual's computer use privileges may be suspended immediately upon the discovery of a possible violation of these policies. Such suspected violations will be confidentially reported to the appropriate faculty, supervisors, department heads, Information Resource staff, and vice presidents.

The appropriate administrative staff or supervising department head will judge an offense as either major or minor. The Information Resource Center Security Administrator and supervising department head will investigate the first offense after consultation with the instructor or administrator requesting the account. Additional offenses will be regarded as major offenses. Appeals relating to minor offenses may be made to the supervising vice presidents. The supervising vice presidents will address all major offenses once reported.

Violations of the policies will be dealt with in the same manner as violations of other University policies and may result in disciplinary review. In such a review, the full range of disciplinary sanctions is available, including the loss of computer use privileges, dismissal from the University, and legal action.

Violation of some of the above policies may constitute a criminal offense. Individuals using campus computer facilities should be familiar with the Louisiana Revised Statutes 14:73, Computer Related Crimes.

## INTERNATIONAL STUDIES

Since the first educational tour to Mexico 30 years ago, international studies has been integral to the Grambling State University curriculum. Through united efforts and support from the U.S. Department of Education, United States Information Agency, United States International Communication Agency (now USIA), and varied Fulbright Programs, the International Studies Program has expanded to its present role. Participants receive added benefits from participation in professional development, joint publications, academic linkages or oral proficiency training. Students and faculty continue their development as they experience the professional economic, and social cultures of many lands through varied curricular offerings.

Students may earn a degree with international focus from the College of Arts and Sciences or the College of Business. The two disciplines offering the following degrees:

Masters of Arts in Liberal Arts (MA)—  
Western and Non-Western Culture

Numerous international activities provide experiences for students and faculty members. Some activities in which students and faculty participate include:

- Travel/study seminars
- Third World Symposium-Spring
- Southwestern International Studies Consortium (SISCO)-An annual cooperative
- Faculty Seminar-Art and Culture
- Fulbright Seminars
- Archaeological Tours

# ACADEMIC REGULATIONS

Students and faculty have opportunities to perform research and participate in exchange programs in over 20 countries. Currently exchange agreements exist with:

Brazil  
Mexico  
People's Republic of China  
Gandigram India  
Malaysia  
Kenya

Under negotiations are agreements with universities in:

Cameroon	Senegal
Central African Republic	Tanzania
Costa Rica	Trinidad and Tobago
Egypt	Tunisia
Honduras	Turkey
Jamaica	Zaire
Nigeria	

A Grambling State University Center for International Studies, The William McIntosh International Center, (opened 1988), contains:

- International films, videos, documentaries, slide-lecture collections
- Clearinghouse for exchange programs
- Current Affairs Forum (monthly)

## OFFICE OF RETENTION

The Office of Retention, one of the University's Title III programs, is responsible for devising and implementing programs and strategies that will increase the retention rate of our students. This office, established during the 1997-98 school year, coordinates retention efforts at the University and reports to the Vice President of Enrollment management and Academic Services. The following programs have been implemented:

1. The Student Mentorship Program serves as a proactive approach to student retention. This program helps new students to become connected to the University. Student mentors (upperclassmen) are hired to serve as big brothers/big sisters to selected incoming freshmen, called mentees, for their entire freshman year. The composite ACT score is the primary factor used in selecting freshman students for this program. However, new students may also request to be assigned a student mentor. These students (mentees) are paired with mentors based on common interests such as—academic majors, hobbies, interests, hometowns, etc.
2. Free tutorial assistance in math, biology, and English is available to any GSU student.
3. The Guaranteed 4.0 Learning System, Inc. is a three-step plan which combines proven and innovative learning methods, is offered each semester to assist students in their study and time management skills. New freshmen are primarily targeted for this seminar. However, transfer students, students with past or current academic problems (probation/suspension), and past or current SAP (Satisfactory Academic Progress) students are encouraged to attend this seminar as well.
4. Total Quality Service Workshops continue to be offered to GSU employees during the school year. These workshops are held to enhance the quality of customer service that we provide to our internal (co-workers) and external (students, parents, vendors, etc.).
5. The Retention Office will also continue to stress the importance of campus-wide involvement in the retention of students. Each member of the GSU family has a role in

student retention. We want students who enroll at Grambling State University to stay until they earn their undergraduate degrees and then become productive citizens in the world of work.

For additional information, please contact Paulette Jackson, director of Retention Services at Box 4308; P. O. Box 623; Grambling Hall, Rm. 218; Grambling, LA 71245 or call (318) 274-6390 or 274-6225; fax (318) 274-7306; email [jacksonp@gram.edu](mailto:jacksonp@gram.edu)

## NATIONAL STUDENT EXCHANGE PROGRAM

Grambling State University offers its students extended advantages through the National Student Exchange Program (NSE). GSU, a member institution, is able to expand educational horizons and cultural opportunities for its students with little or no extra cost. The NSE program offers to undergraduate students at GSU an opportunity to study, for up to one year, at one of 140 colleges and universities throughout the United States and the territories of Guam, Puerto Rico, and the Virgin Islands. The Coordinator of the NSE Program lists several advantages for participation in the NSE Program:

- Opportunity to take courses not available at GSU.
- Opportunity to study at a host college or university, pay in-state tuition, fees and housing or pay fees at GSU and housing at the host institution.
- Opportunity to use Financial Aid as support for NSE.
- Opportunity to grow educationally, culturally, socially, and make new friends.
- Opportunity to explore graduate or professional programs at the host institution.
- Opportunity to travel, to broaden experience.

The NSE Program is open to full-time sophomores and juniors with a CGPA of 3.0 or better and who are United States citizens. Second semester freshmen that will be sophomores at the end of the spring semester may apply. Applications are made in the fall and early spring and must be completed by February 15. They are available in the Office of the NSE Coordinator, Adams Hall, Room 116. A completed application with three letters of recommendation, a fee of \$75.00 and a one page typed essay, "Why I Would Like To Participate in the NSE Program" are required.

Placements are made by the GSU Coordinator at the NSE Conference in mid-March each year. Participants begin their semester or full year at host institutions in the fall of the respective year. Students accepted to participate will be notified of their placements at host institutions by the Coordinator by the last of March of the application year.

For additional information, please contact the Coordinator of the NSE Program, Adams Hall, Room 116, Extension 2114 or 2286.

## SATISFACTORY ACADEMIC PROGRESS (SAP) POLICY

Students who receive federal financial aid must comply with Grambling State University's Satisfactory Academic Progress (SAP) Policy. Moreover, students who exceed the number of attempted hours for their degree programs will not be eligible for federal financial aid. For additional information regarding SAP, please contact the Office of Financial Aid and Scholarships at P.O. Box 629; Grambling, LA 71245 or call (318) 274-6675.

## OFFICE OF ACADEMIC SUPPORT AND SPECIAL PROGRAMS

### OVERVIEW

The Office of Academic Support and Special Programs, under the direction of an Associate Vice President, manages a select number of academic support services and programs for the students, faculty, and academic staff at Grambling State University. The faculty and staff in the Office of Academic Support and Special Programs work closely with all Colleges, Schools, and Departments at the university.

The Office of Academic Support and Special Programs is comprised of the following units:

- Academic Computing Programs including Distance Learning
- Academic Skills Center
- First Year Experience Program
- General Education Program
- New Student Orientation Program
- Summer Programs including Summer School
- Upward Bound and Project Rescue



# UNDERGRADUATE PROGRAMS

## COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences is composed of fourteen academic departments: art, biology, chemistry, engineering technology, English, family and consumer sciences, foreign languages, history, mathematics/computer science, music, political science/public administration, physics, sociology/ psychology, and speech & theatre. The College provides an intellectual climate that is conducive to maximum student growth and development. The degree programs offered in the College of Arts and Sciences are listed below:

### ASSOCIATE OF SCIENCE (AS) DEGREE

Child Development

### BACHELOR OF ARTS (BA) DEGREE

Applied Music - Performance  
Art  
English  
French  
History  
Political Science (Pre-Law)  
Political Science  
Psychology, General  
Sociology  
Spanish  
Theatre

### BACHELOR OF SCIENCE (BS) DEGREE

Biological Sciences  
Chemistry  
Computer Science  
Drafting Design Technology  
Electronics Engineering Technology  
Hotel/Restaurant Management  
Mathematics  
Physics

### GRADUATION REQUIREMENTS

A candidate for a degree in the College of Arts and Sciences must:

1. Complete one of the curricula in the College as outlined in this catalog.
2. Have at least a "C" average in the major field. Only "C" grades or better in the major that are transferred from another institution will be accepted toward meeting degree requirements.
3. Make application through his major department for graduation during the first month of the semester in which he expects to graduate.
4. Be recommended by his advisor and approved by the department head and the dean for graduation. All college credits must be certified by the Registrar.
5. Have no more than one grade of "D" in major courses unless approved by department head and dean.

### TRAVEL/STUDY COURSES

Grambling State University's Foreign Languages Department conducts a Travel/Study Program in Mexico annually, both during the Christmas vacation period, and following the spring semester. This program, initiated in 1972, has been increasingly successful and popular. Participating students live in homes of Mexican families, attend classes at the Autonomous University of Coahuila where Grambling State University has maintained an Exchange Accord since 1981, and may earn up to six semester hours of credit in a variety of subjects, mainly Spanish courses.

### STUDENT EXCHANGE

Since 1981, Grambling State University has maintained an Exchange Program with the Autonomous University of Coahuila in Saltillo, Mexico. This exchange involves students, faculty, and administrative personnel.

The exchange may be a semester, a year, or even longer with an understanding from both universities. Students are highly encouraged to participate in the program.

### DEPARTMENT OF ART

The main objectives of the Department of Art are (1) to provide indepth instruction and experiences enabling art majors to pursue employment in art and art related careers, while enhancing knowledge and skills leading to graduate art programs; (2) to provide a professional environment which will facilitate student development and promote artistic vision.

The Bachelor of Arts degree with a major in art is offered for students who complete the outlined program of study and meet the requirements of the department, the College of Arts and Sciences, the Louisiana Board of Supervisors for the University of Louisiana System, and Grambling State University. Students may choose from two concentrations, the studio concentration or the mass media concentration. The B.A. in art with a Studio Concentration requires 39 hours in designated art courses, plus 12 hours of art electives with no grade lower than "C" accepted for credit. The B.A. in art with a concentration in Mass Media Concentration requires 45 hours in designated art courses, and 9 hours of electives with no grade lower than "C" accepted for credit. In addition, all students must present a Senior Exhibition as a cumulative experience during their final semester.

**Minor in Art:** Students may earn a minor in art by taking 24 hours in art; 18 designated art core courses, and 6 hours of art electives.

**Admission Requirements:** Students must meet the requirements for admission to Grambling State University and present a sample of works or slides for review to the art department faculty.

**Transfer Credits:** No grade in art courses lower than "C" will be accepted for transfer credit.

### CURRICULUM IN ART (STUDIO CONCENTRATION)

#### FRESHMAN YEAR

ART 101-Drawing I.....	3
ART 102-Drawing II.....	3
ART 103-Basic Design.....	3
ART 104-Color Theory.....	3
BIOL 103-Principles of Biology.....	4
BIOL 104-Principles of Biology.....	4
*BSS 100 or HON 110H-Fresh. Seminar.....	2
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
*HED 100-First Aid.....	1

# UNDERGRADUATE PROGRAMS

MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
**PE Activity .....	1
Total .....	36

## SOPHOMORE YEAR

ART 207-Painting I.....	3
ART 215-Art History I.....	3
ART 216-Art History II.....	3
ART 217-3-D Design.....	3
SCI 101-Physical Science or CHEM 101-Environmental Chemistry .....	3
CS 107-Computers and Society.....	3
ECON 201-Economics.....	3
ENG 213-Advanced Composition.....	3
GET 300-Rising Junior Examination .....	0
HIST 201-American National Multicultural History 1877 .....	3
SOC Elective .....	3
ST 208-Speech Arts or ST 212-Public Speaking.....	3
Total.....	33

## JUNIOR YEAR

ART 309-Ceramics I.....	3
ART 319-Printmaking I.....	3
ART 322-Intro. to Digital Art .....	3
*ART Electives .....	6
ENG 213-Advanced Composition .....	3
Foreign Language .....	6
*HUM Elective .....	3
PHIL Elective.....	3
*Electives.....	5
Total.....	32

## SENIOR YEAR

ART 409-Art History III or ART 412-African American Art .....	3
ART 422-Senior Exhibition .....	3
*Art Electives.....	6
*Electives.....	9
Foreign Language .....	3
Total.....	24

TOTAL 125

\*Electives must be approved by advisor and department head.

## CURRICULUM IN ART (MASS MEDIA CONCENTRATION)

### FRESHMAN YEAR

ART 101-Drawing I.....	3
ART 102-Drawing II.....	3
ART 103-Basic Design .....	3
ART 104-Color Theory .....	3
BIOL 103-Principles of Biology .....	4
BIOL 104-Principles of Biology .....	4
*BSS 100 or HON 110H-Fresh. Seminar .....	2
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
*HED 100-First Aid .....	1
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
**PE Activity .....	1
Total.....	36

### SOPHOMORE YEAR

ART 207-Painting I.....	3
ART 215-Art History I.....	3

ART 216-Art History II.....	3
ART 217-3-D Design .....	3
CS 107-Computers and Society.....	3
ECON 201-Economics.....	3
ENG 213-Advanced Composition.....	3
GET 300-Rising Junior Examination .....	0
HIST 201-American National Multicultural History 1877 .....	3
MC 250-Basic Photography.....	3
SCI 101-Physical Science or CHEM 101- Environmental Chemistry .....	3
ST 208-Speech Arts or ST 212-Public Speaking.....	3
Total.....	33

## JUNIOR YEAR

ART 322-Intro. to Digital Art.....	3
ART 323-Computer Design I.....	3
ART 327-Art Business Management.....	3
*ART Electives .....	6
Foreign Language .....	6
*PHIL Elective .....	3
*SOC Elective.....	3
*Electives.....	5
Total.....	32

## SENIOR YEAR

ART 409-Art History III or ART 412-African American Art .....	3
ART 422-Senior Exhibition .....	3
ART 423-Computer Design II.....	3
*Art Elective.....	3
*Electives.....	6
Foreign Language .....	3
*HUM Elective .....	3
Total.....	24

TOTAL 125

\*Electives must be approved by advisor and department head.

## DEPARTMENT OF BIOLOGICAL SCIENCES

The main objectives of the Department of Biological Sciences are to (1) provide an intellectual climate for the development of critical thinking; (2) cultivate the usage of critical thinking skills; (3) provide diverse disciplines of study; (4) offer community services, workshops, institutes, and short courses; (5) provide training for in-service secondary school biology teachers; and (6) provide a background in pre-professional areas of study. The Bachelor of Science degree is awarded to those students who complete the outlined program of study and who meet the requirements of the Department of Biological Sciences. The Department of Biological Sciences offers two areas of concentration, general biology and wildlife biology.

### FRESHMAN YEAR

BIOL 113-Principles of Biology Lect.....	3
BIOL 114-Principles of Biology Lect.....	3
BIOL 115-Principles of Biology Lab.....	1
BIOL 116-Principles of Biology Lab.....	1
*BSS 101-Freshman Seminar .....	2
CHEM 111-General Chem. Lect.....	3
CHEM 112-General Chem. Lect.....	3
CHEM 113-General Chem. Lab .....	1
CHEM 114-General Chem. Lab .....	1
ENG 101-Freshman Composition .....	3

# UNDERGRADUATE PROGRAMS

ENG 102-Freshman Composition .....	3
HED 101-First Aid .....	1
MATH 147-Precalculus I .....	3
MATH 148-Precalculus II .....	3
PE Activity .....	1
Total .....	32

## SOPHOMORE YEAR

BIOL 202-Dev. Biol. Lect./Lab .....	4
BIOL 206-Fund. Ecol. Lect./Lab .....	4
CHEM 223-Organic Chemistry Lect .....	3
CHEM 224-Organic Chemistry Lect .....	3
CHEM 225-Organic Chemistry Lab .....	1
CHEM 226-Organic Chemistry Lab .....	1
CIS 115-Intro. Comp. Software Appl. ....	3
ECON 201-Principles of Economics .....	3
ENG 213-Advanced Composition .....	3
FOREIGN LANG Elective .....	6
GET 300-Rising Junior Examination .....	0
HUM Elective .....	3
Total .....	34

## JUNIOR YEAR

BIOL 302-Genetics Lect./Lab .....	4
BIOL 304-Introductory Microbiology Lect./Lab .....	4
CHEM 461-Biochemistry .....	3
ENG 207-Intro. Tech. Writing .....	3
HIST 201-American Nat'l Multi .....	3
PHYS 109-Fundamentals of Physics Lect .....	3
PHYS 110-Fundamentals of Physics Lect. ....	1
PHYS 111-Fundamentals of Physics Lab .....	3
PHYS 112-Fundamentals of Physics Lab .....	1
PS 201-American Government .....	3
TECHNICAL Elective .....	6
Total .....	34

## SENIOR YEAR

BIOL 308-Fund. Cell Biol. Lect/Lab .....	4
BIOL 305 -Anat. & Phys. Lect/Lab or	
BIOL 405-Gen. Phys. Lect./Lab .....	4
BIOL 408-Seminar .....	1
BIOL 462-Biochem/Mol. Biol. Lect. ....	3
BIOL 464-Biochem/Mol. Biol. Lab .....	1
BIOL Elective .....	6
Elective Art (Art 105, 210, or Mus 219) .....	3
ST 212 -Public Speaking or ST 208- Speech Arts .....	3
Total .....	25

Total Degree Requirements for  
General Biology Concentration 125

Total Degree Requirements for  
Wildlife Biology Concentration 125

NOTE: Some requirements for wildlife biology concentration are not listed. See the department for these requirements.

## DEPARTMENT OF CHEMISTRY

The Chemistry Department strives to provide a program of study that can lead to a variety of professional opportunities. Many of our graduates choose careers in chemistry; others pursue careers in biochemistry, materials science, medicine, dentistry, education, pharmacology, toxicology, patent law, and forensic chemistry. Chemistry majors can choose from three concentration areas that lead to a Bachelor of Science degree in chemistry. The first concentration is designed for students who want more extensive coursework in chemistry and mathematics. These students earn a Bachelor of Science with American

Chemical Society (ACS) certification. A second concentration is designed to meet the needs of students who want a strong foundation in chemistry, but who do not necessarily wish to pursue a traditional career in chemistry. This program offers more flexibility in its curriculum by including more free electives and fewer required mathematics and chemistry courses; thus allowing students to tailor the degree to their particular interdisciplinary interests. The third concentration is forensic chemistry. The forensic chemistry program offers strong professional training for students who follow a forensic science career path.

## FRESHMAN YEAR

BIOL 113,115-Principles of Biology .....	4
BIOL 114,116-Principles of Biology .....	4
*BSS 101-Freshman Seminar .....	2
CHEM 111-General Chemistry I .....	3
CHEM 112-General Chemistry II .....	3
CHEM 113-General Chemistry Lab .....	1
CHEM 114-General Chemistry Lab .....	1
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
HED 100-First Aid .....	1
HIST 202-American History (1876-Present) .....	3
MATH 153-Calculus I .....	3
MATH 154-Calculus II .....	3
Total .....	34

## SOPHOMORE YEAR

CHEM 223-Organic Chemistry I .....	3
CHEM 224-Organic Chemistry II .....	3
CHEM 225-Organic Chemistry Lab .....	1
CHEM 226-Organic Chemistry Lab .....	1
CHEM 230-Quantitative Analysis .....	3
CHEM 232-Quantitative Analysis Lab .....	2
ENG 200-World Literature (Humanities) .....	3
ENG 213-Advanced Composition .....	3
GET 300-Rising Junior Exam .....	0
MATH 201-Calculus III .....	3
PE -Physical Education Activity .....	1
PHYS 151-General Physics I .....	5
PHYS 152-General Physics II .....	5
Total .....	33

## JUNIOR YEAR

CS 108-Computer Programming: Fortran .....	3
CHEM 341-Physical Chemistry .....	3
CHEM 342-Physical Chemistry .....	3
CHEM 343-Physical Chemistry Lab .....	1
CHEM 344-Physical Chemistry Lab .....	1
ENG 207-Introduction to Technical Writing .....	3
Foreign Languages .....	6
General Emphasis Requirement .....	3
Professional Training Emphasis Requirement:	
MATH 403-Differential Equations and	
CHEM 434-Inorganic Chemistry .....	6
ST 212-Fundamentals of Public Speaking .....	3
Total .....	26-29

## SENIOR YEAR

ART 210-Intro. to Fine and Performing Arts or	
MUS 219-Music Appreciation .....	3
CHEM 430-Instrumental Analysis .....	2
CHEM 432-Instrumental Analysis Laboratory .....	2
CHEM 450-Independent Study .....	3
CHEM 451-Seminar .....	1
ECON 201-Macroeconomics .....	3
Emphasis Requirements .....	5
HUMANITIES Electives .....	3
PS 201-American Government .....	3

UNDERGRADUATE PROGRAMS

# UNDERGRADUATE PROGRAMS

PSY 200-General Psychology.....	3
Total.....	29-30
<b>TOTAL</b>	<b>121-124</b>

**General Emphasis requires eight (8) hours of science electives. Professional Training Emphasis requires seven (7) hours of science electives. Students may select from the courses listed below:**

BIOL 202-Developmental Biology.....	4
BIOL 216-Environmental Biology.....	4
BIOL 302-Genetics.....	4
CHEM 210-Research Internship.....	1
CHEM 236-Practical Inorganic Chemistry.....	2
CHEM 410-Chemical Literature/Indep. Study.....	1
CHEM 420-Advanced Organic Chemistry.....	3
CHEM 434-Inorganic Chemistry (General).....	3
CHEM 452-Special Topics in Inorganic/.....	
CHEM 461-Biochemistry.....	3
CHEM 462-Biochemistry/Molecular Biol. ....	3
CHEM 464-Biochemistry/Molecular Biol. Lab.....	1
CHEM 470-Polymer Chemistry.....	3
MATH 309-Introduction to Linear Algebra.....	3
Physical Chemistry.....	3
PHYS 323-Advanced Electronic Laboratory (General).....	2
<b>TOTAL</b>	<b>123-125</b>

Students with a weak math background will be encouraged to take Precalculus I and II.

## FORENSIC CURRICULUM

### FRESHMAN YEAR

BIOL 113,115-Principles of Biology.....	4
BIOL 114,116-Principles of Biology.....	4
*BSS 101-Freshman Seminar.....	2
CHEM 111-General Chemistry I.....	3
CHEM 112-General Chemistry II.....	3
CHEM 113-General Chemistry Lab.....	1
CHEM 114-General Chemistry Lab.....	1
CJ 101-Intro. to Criminal Justice.....	3
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
MATH 153-Calculus I.....	3
MATH 154-Calculus II.....	3
Total.....	33

### SOPHOMORE YEAR

ART 210-Intro. to Fine & Performing Arts.....	3
CHEM 223-Organic Chemistry.....	3
CHEM 224-Organic Chemistry.....	3
CHEM 225-Organic Chemistry Lab.....	1
CHEM 226-Organic Chemistry Lab.....	1
CHEM 230-Quantitative Analysis.....	3
CHEM 232-Quantitative Analysis Lab.....	2
CJ 202-Criminal Procedure & Evidence.....	3
CJ 211-Criminal Investigation.....	3
ENG 213-Advanced Composition.....	3
FCHE 202- Intro. to Forensic Chem. ....	1
FOREIGN LANG.....	3
GET 300-Rising Junior Exam.....	0
STAT 273-Probability & Statistics I.....	3
Total.....	32

### JUNIOR YEAR

CHEM 341-Physical Chemistry.....	3
CHEM 343-Physical Chemistry Lab.....	1
CHEM 461-Biochemistry.....	3
ECON 201-Macroeconomics.....	3
ENG 207-Introd. to Technical Writing.....	3

FCHE 302- Physical Methods in Forensic Chem. ....	2
FOREIGN LANG.....	3
PHYS 151-General Physics I.....	5
PHYS 152-General Physics II.....	5
ST 212-Fundamentals of Public Speaking.....	3
Total.....	31

### SENIOR YEAR

CHEM 430-Instrumental Analysis Lect.....	2
CHEM 432-Instrumental Analysis Laboratory.....	2
CHEM 462-Biochemistry/Molecular Biol. ....	3
CHEM 464-Biochemistry/Molecular Biol. Lab.....	1
CJ 496-Special Topics in Justice/Ethics.....	3
COMPUTER SCI. Elective.....	3
FCHE 455-Forensic Internship.....	4
HED 100-First Aid.....	1
HIST 202-Recent American History.....	3
PE Activity.....	1
SCIENCE Elective.....	6
Total.....	29
<b>TOTAL</b>	<b>125</b>

**Pre-Calculus is not a required course. The student may go directly to MATH 153 if coming from a strong math background. Recommended Science Electives: CHEM 342 and 344; NUR 205; BIOL 207 or CHEM 434. Recommended Computer Science Electives: CS 108, 110, or 206.**

## DEPARTMENT OF ENGLISH

The objectives of the English Department are (1) to facilitate the utilitarian functions of language for all students in all departments, (2) to promote an understanding of self and others through observation and analysis of literary works, (3) to facilitate a grasp of the logic that underlies the structure of language, and (4) to encourage continued development of the critical analysis of language through study and research.

The Bachelor of Arts degree with a major in English requires the completion of 36 semester hours in English, excluding the courses open to freshmen and sophomores. See advisor or department head for specifics. A minor in English requires 36 hours in English, including courses open to freshman and sophomores.

### CURRICULUM IN ENGLISH, GENERAL

#### FRESHMAN YEAR

BIOL 103-Principles of Biology.....	3
BIOL 104-Principles of Biology.....	3
BIOL 105-Principles of Biology Lab.....	1
BIOL 106-Principles of Biology Lab.....	1
*BSS 101 or HON 110H-Freshman Seminar.....	2
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
HED 100-First Aid or MS 101 or 102.....	1
HIST 101-Western Civilization.....	3
HIST 102-Western Civilization.....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry.....	3
PE Activity or AS 101, 102; or MS 101, 102.....	1
Total.....	30

#### SOPHOMORE YEAR

ART 210-Intro to Fine and Performing Arts, MUS 219-Music Appreciation, or ART 105-Art Appreciation.....	3
CS 107-Computers & Society or CIS 115-Intro. to Computers and Software Apps.....	3

# UNDERGRADUATE PROGRAMS

ECON 201-Principles of Economics .....	3
ENG 200, 202, 203, 204, 205, or 206- World Literature, Intro. to Lit., Intro. to English Lit., or Intro. to American Lit. ....	3
ENG 213-Advanced Composition .....	3
Foreign Language .....	3
GEOG 201-Cultural Geography .....	3
GET 300-Rising Junior Exam.....	0
HIST 201-American National Multi-Cultural History to 1877 .....	3
HUM 200, 201, 202, or 301-Humanities .....	6
ST 212-Fundamentals of Public Speaking.....	3
Total .....	33

### JUNIOR YEAR

SCI 101-Physical Science Survey.....	3
SCI 103-Physical Science Survey Lab .....	1
Foreign Language .....	3
PS 201-American Government .....	3
ENG 301-English Literature or ENG 302-History and Survey of Eng. Literature .....	3
ENG 303-World Literature.....	3
ENG 310-Advanced Grammar .....	3
ENG 311-Advanced Composition .....	3
ENG 207-Tech. Writing.....	3
PHIL 201-Intro. to Philosophy .....	3
PSY 200-General Psychology or SOC 201-Intro. to Sociology .....	3
Total .....	31

### SENIOR YEAR

ENG 315-Adolescent & Children's Literature.....	3
ENG 401 or ENG 402-American Literature.....	3
ENG 404-Shakespeare .....	3
Foreign Language .....	3
ENG 407-Hist. of the Eng. Language .....	3
ENG 408-Literary Criticism .....	3
ENG 414-Methods of Research or MC409 Communication Research Methods .....	3
ENG 420-Comparative Literature.....	3
ENG 450-Language and Linguistics .....	3
Electives .....	4
Total .....	31

TOTAL 125

## DEPARTMENT OF FOREIGN LANGUAGES

The main objectives of the Department of Foreign Languages are (1) to provide academically sound and viable education that will professionally prepare students for numerous opportunities and careers in foreign languages; (2) to prepare students to pursue graduate and professional study and research in the foreign languages; (3) to enhance students' marketability not only in foreign languages, but in other disciplines; (4) to become proficient in the four basic skills: reading, writing, listening, and speaking in order to pursue a career that involves languages; and (5) to better understand other cultures and civilizations and to provide for authentic communication for professional and economic purposes in the target countries.

The Bachelor of Arts degree with a major in French and the Bachelor of Arts degree with a major in Spanish are offered for those students who complete the outlined program of the study and the specifications appertaining thereto, and meet the re-

quirements of the Department of Foreign Languages & Linguistics and the College of Arts and Sciences.

A minimum of 36 semester hours in the languages is required. See department head or advisor for specifics.

**MINOR:** At least 18 semester hours in foreign languages are required.

### CURRICULUM IN FRENCH

#### FRESHMAN YEAR

BIOL 103-Principles of Biology .....	4
BIOL 104-Principles of Biology .....	4
*BSS 101 or HON Freshman Seminar.....	2
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
*HED 100-First Aid.....	1
HIST 101-History of Western Civilization .....	3
HIST 102-History of Western Civilization .....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
**PE Activity.....	1
FREN 101-Elementary French.....	3
FREN 102-Elementary French.....	3
Total .....	36

\*MS 101 or 102 may satisfy this requirement.

\*\*AS 101, 102, MS 101 or 102 may satisfy this requirement.

#### SOPHOMORE YEAR

ART 210-Introduction to Fine and Performing Arts or ART 105-Art Appreciation or MUS 219-Music Appreciation .....	3
CS 107-Computers and Society.....	3
ENG 200, 202, 203, or 204-World Literature, Intro. to Lit., Intro. to English Lit., or Intro. to American Lit. ....	3
ENG 213-Advanced Composition .....	3
GEOG 201-Cultural Geography .....	3
GET 300-Rising Junior Examination .....	0
HUM 200, 201, 202, or 301-Humanities .....	6
FREN 201-Intermediate French .....	3
FREN 202-Intermediate French .....	3
ST 212 - Fundamentals of Public Speaking .....	3
Electives .....	3
Total .....	33

#### JUNIOR YEAR

CHEM 101-Environmental Chemistry .....	3
ECON 201-Principles of Economics .....	3
HIST 201-American National Multicultural History to 1877.....	3
PHIL 201-Introduction to Philosophy.....	3
PS 201-American National Government.....	3
PSY 200-General Psychology or SOC 201-Introduction to Sociology.....	3
FREN 301-French Conversation and Composition.....	3
FREN 302-French Conversation and Composition.....	3
FREN 303-Survey of French Literature .....	3
FREN 304-Survey of French Literature .....	3
Electives .....	6
Total .....	36

#### SENIOR YEAR

GET 400-Senior Comprehensive Competency Examination.....	0
FREN 308-Contemporary French Civilization.....	3
FREN 400 Series-Any two of the following courses: FREN 402, FREN 404, FREN 405 and FREN 406.....	6
FREN 470-French Phonetics .....	3

UNDERGRADUATE PROGRAMS



# UNDERGRADUATE PROGRAMS

Electives .....	8
Total .....	20
<b>TOTAL</b>	<b>125</b>

## CURRICULUM IN SPANISH

### FRESHMAN YEAR

BIOL 103-Principles of Biology .....	4
BIOL 104-Principles of Biology .....	4
*BSS 101 or HON Freshman Seminar.....	2
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
*HED100-First Aid .....	1
HIST 101-History of Western Civilization .....	3
HIST 102-History of Western Civilization .....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
**PE Activity.....	1
SPAN 101-Elementary Spanish .....	3
SPAN 102-Elementary Spanish .....	3
Total .....	36

\*MS 101 or 102 may satisfy this requirement.  
 \*\*AS 101, 102, MS 101 or 102 may satisfy this requirement.

### SOPHOMORE YEAR

ART 210-Introduction to Fine & Performing Arts or ART 105-Art Appreciation or MUS 219-Music Appreciation.....	3
CS 107-Computers and Society.....	3
ENG 200, 201, 202, or 204-World Literature, Intro. to Lit., Intro. to English Lit. or Intro. to American Lit. ....	3
ENG 213-Advanced Composition .....	3
GEOG 201-Cultural Geography .....	3
GET 300-Rising Junior Examination .....	0
HUM 200, 201, 202, or 301-Humanities .....	6
ST 212-Fundamentals of Public Speaking.....	3
SPAN 201-Intermediate Spanish .....	3
SPAN 202-Intermediate Spanish .....	3
Electives .....	3
Total .....	33

### JUNIOR YEAR

CHEM 101-Environmental Chemistry .....	3
ECON 201-Principles of Economics .....	3
HIST 201-American National Multicultural History to 1877 .....	3
PHIL 201-Introduction to Philosophy.....	3
PS 201-American National Government.....	3
PSY 200-General Psychology or SOC 201-Introduction to Sociology .....	3
SPAN 300 and 301-Spanish Conversation and Composition .....	6
SPAN 302 and 303-General Survey of Literature.....	6
Electives .....	6
Total .....	36

### SENIOR YEAR

SPAN 304-Survey of Spanish Culture or (SPAN 305) .....	3
SPAN Series-Any two of the following courses: SPAN 400, SPAN 408, 409, 410, 425 or 480 .....	6
SPAN 470-Spanish Phonetics.....	3
Electives .....	8
Total .....	20
<b>TOTAL</b>	<b>125</b>

## DEPARTMENT OF HISTORY

The objectives of the Department of History are (1) to develop effective communication skills and the ability to think analytically; (2) to develop the skills and provide the experience necessary to engage in independent study; (3) to develop civic mindedness and the ability to establish and maintain wholesome relationships with others; (4) to develop an understanding of, and appreciation for, our historical heritage; and (5) to prepare students for graduate and professional study.

The Bachelor of Arts degree with a major in history is offered for those students who complete the outlined program of study and meet the requirements of the Department of History and the College of Arts and Sciences.

For a major in the area of history, a student must earn at least thirty-six (36) semester hours. See department head or advisor for specifics.

**Minor Requirements:** At least eighteen (18) semester hours excluding HIST 101 and 102.

## CURRICULUM IN HISTORY

### FRESHMAN YEAR

BIOL 103-Principles of Biology .....	4
BIOL 104-Principles of Biology .....	4
*BSS 101 or HON 110H-Freshman Seminar .....	2
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
*HED 100-First Aid.....	1
HIST 101-History of Western Civilization .....	3
HIST 102-History of Western Civilization .....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
**PE Activity .....	1
Total .....	30

\*MS 101 or 102 may satisfy this requirement.  
 \*\*AS 101, 102, MS 101 or 102 may satisfy this requirement.

### SOPHOMORE YEAR

ART 210, MUS 219, or Art 105-Intro. to Fine and Performing Arts, Music Appreciation, or Art Appreciation .....	3
CS 107-Computers & Society .....	3
ENG 200, 202, 203, or 204-World Literature, Intro. to Lit., Intro. to English Lit., or Intro. to American Lit. ....	3
ENG 213-Advanced Composition .....	3
Foreign Language .....	3
GEOG 201-Cultural Geography .....	3
GET 300-Rising Junior Examination .....	0
HIST 201-American National Multicultural History to 1877 .....	3
HIST 202-American History 1877 to Present.....	3
HUM 200, 201, 202, or 301-Humanities .....	6
ST 212-Fundamentals of Public Speaking.....	3
Total .....	33

### JUNIOR YEAR

CHEM 101-Environmental Chemistry or SCI 101-Physical Science Survey .....	3-4
ECON 201-Principles of Economics .....	3
Foreign Language .....	6
HIST 300-Historiography.....	3
HIST 306-History of the Far East.....	3
HIST 307-History of Russia.....	3
PHIL 201-Introduction to Philosophy.....	3
PS 201-American National Government.....	3
PSY 200-General Psychology or SOC 201-Introduction to Sociology.....	3
Total .....	30-31

# UNDERGRADUATE PROGRAMS

<b>SENIOR YEAR</b>	
GEOG 308-Physical Geography or GEOG 405-World Geography .....	3
HIST 310-History of Latin America.....	3
HIST 319-Afro-American History I.....	3
HIST 320-Afro-American History II.....	3
HIST 322-Louisiana History .....	3
HIST 341-History of West Africa .....	3
HIST 342-History of East Africa .....	3
HIST 407-Introduction to Research.....	3
Electives .....	7
Total .....	31
<b>TOTAL</b>	124-125

## DEPARTMENT OF FAMILY AND CONSUMER SCIENCES CHILD DEVELOPMENT

The Child Development Program is a multidisciplinary field. It is the study of human growth and development from conception through adolescence and the application of that knowledge to benefit children, families, and the communities.

This is a major for students who are interested in working with young children. Wherever possible, course material is complemented with observations and work with children in a wide range of applied settings. These settings include schools, hospitals, clinics, and day care centers. These practicum experiences are an essential part of the Child Development Program, where the integration of theory, research, and practice is regarded as an abiding goal.

Students who complete the 66 hour credit program will be prepared to work in the following occupations:

- Pre-School Teachers
- Child Care Providers
- Child Care Center Directors
- Child Care Workers

## ASSOCIATE OF SCIENCE DEGREE CHILD DEVELOPMENT

<b>FRESHMAN YEAR</b>	
*BSS 101-Freshman Seminar.....	2
CIS 115-Intro. to Computers & Software Apps .....	3
CDFR 100-Child Development and Family Relations Seminar.....	3
CDFR 102-Child Development .....	3
CDFR103-Observational Techniq. for Child Develop.....	3
CDFR 202-Developmentally Appropriate Curriculum for Children: Theory to Practice .....	3
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
Health or PE or Military Science .....	1
HM 212-Safety and Sanitation .....	3
MATH 131-College Algebra I.....	3
MATH 132-Trigonometry .....	3
Total .....	33

<b>SOPHOMORE YEAR</b>	
ART 105/201-Introduction to Art Appreciation.....	3
CDFR 104-Current Issues in Child Development .....	3
CDFR 105-Prenatal-Infant Development .....	3
CDFR 207-Administration of Child Development Program.....	3
CDFR 208-Child Development Practicum.....	3
CDFR 209-Marriage and Family Relationships .....	3
CDFR 210-Research Methods in Child Development .....	3

CDFR 259-Issues in Assessment for Children and Families...3	3
FN 205-Nutrition for Children .....	3
Open Electives .....	6
Total .....	33

## HOTEL/RESTAURANT MANAGEMENT

The Bachelor of Science degree with a major in hotel/restaurant management provides students with managerial skills needed by the hospitality industry. The program enhances students' growth and development in the hospitality area of their academic, professional and personal interests. It provides a board base in hotel/restaurant management with concentrations in several areas:

**Food and Beverage:** for students interested in a career in the food services industry.

**Hospitality Lodging:** for students interested in the hotel industry.

**General Hotel/Restaurant Management:** for students interested in either foods or lodging.

**Meetings and Conventions:** for students interested in sales and marketing of hospitality.

Careers that may be pursued are management of hotels, restaurants, retail food sales, clubs, spas, catering, conventions, and visitors bureaus. Students can receive a minor in hotel/restaurant management by completing eighteen (18) hours in approved courses. Students should see advisor for course selections.

## CURRICULUM IN HOTEL/RESTAURANT MANAGEMENT

<b>FRESHMAN YEAR</b>	
HED First Aid.....	1
PE Activity .....	1
BIOL 103-Principles of Biology .....	3
BIOL 104-Principles of Biology .....	3
*BSS 101-Freshman Seminar.....	2
CHEM 101.....	3
CIS 115-Intro. to Computers & Software Apps .....	3
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
MATH 131-Math Nonscience Major .....	3
MATH 132-Math Nonscience Major .....	3
ECON 201-Principles of Economics .....	3
Total .....	31

<b>SOPHOMORE YEAR</b>	
ACCT 201-Principles of Accounting .....	3
ACCT 202-Managerial Accounting .....	3
ART 201 or 210 or 307 .....	3
CIS 120-Problem Solving.....	3
ENG 213-Advanced Composition .....	3
FN 200-Food Science Preparation.....	3
FN 202-Quantity Food Purchasing.....	3
GET 300-Rising Junior Examination .....	0
HRM 201-Sanitation & Safety .....	3
HRM 222-Introduction to Hospitality .....	3
PSY 200-General Psychology (Social Science) .....	3
ST 208 or 212 (Humanities).....	3
Total .....	33

<b>JUNIOR YEAR</b>	
HRM 306-Org/Mgmt Food Service.....	3
HRM 308-Front Office Management .....	3
HRM 309-Fundamentals Travel Tourism.....	3
HRM 312-Facility Design Planning .....	3
HRM 314-Marketing Hospitality Industry.....	3
Humanities Elective .....	6

# UNDERGRADUATE PROGRAMS

MAN 301-Management Prin. Poll.....	3
MAN 310-Management Human Res.....	3
MKT 301-Principles of Marketing.....	3
Total.....	30

## SENIOR YEAR

Concentration Requirements.....	12
GET 400-Senior Comprehensive Exam.....	0
HRM 400-Professional Practicum.....	6
HRM 401-Hospitality Law.....	3
HRM 403-Food Production Management.....	3
Open Electives.....	3
Selective Requirements.....	3
Total.....	30

TOTAL 124

## DEPARTMENT OF INDUSTRIAL AND ENGINEERING TECHNOLOGY

Primary considerations are (1) providing the basic education necessary for administrative and managerial careers in one of the many areas of industry; (2) preparing students in routine design, implementation and application of engineering technology principles and procedures; (3) developing upper managerial and supervisory traits for interactions with skilled craftsmen and technicians; and (4) developing administrative sales and services skills.

There are two (2) B.S. degree programs offered through the department:

### Drafting Design Technology

### Electronics Engineering Technology

Students majoring in Drafting Design Technology may choose to either pursue the main curriculum in mechanical design or to concentrate in the construction science curriculum. In addition, those students pursuing the Electronics Engineering Technology degree can opt for a concentration in manufacturing. The Drafting Design Technology and Electronics Engineering Technology programs in the Department of Industrial and Engineering Technology are accredited by the Accreditation Board for Engineering and Technology, Inc. (ABET).

Students enrolled in Air Force and Army ROTC may substitute Level I courses (general military courses) for first aid and physical education, Level III & IV courses (professional officers courses) for management electives, humanities and social science electives respectively.

## JOINT PROGRAMS IN ENGINEERING:

### Grambling State University-Louisiana Tech University

The Department of Industrial and Engineering Technology at Grambling State University and the College of Engineering at Louisiana Tech University have developed dual programs whereby students can earn an engineering technology degree or technology degree offered by Grambling State University and an engineering degree offered by Louisiana Tech University.

## DUAL DEGREES ARE AS FOLLOWS:

1. B.S. degree in Drafting Design Technology plus B.S. degree in Civil Engineering
2. B.S. degree in Electronics Engineering Technology plus B.S. degree in Electrical Engineering

## COOPERATIVE EDUCATION

The Department of Industrial and Engineering Technology working with certain industrial firms offers a plan for alternate periods of work and university study. Students participating in the program receive credit for the off-campus work experience by registering at the university, and receive pay for their work from the industrial firm.

Participation in the Cooperative Education Program is on a voluntary basis. The program is available to all technology students who have completed two years of academic study with a cumulative average of 3.0.

## CURRICULUM IN DRAFTING DESIGN TECHNOLOGY (DET)

Individuals are trained in science, mathematics, design, and engineering principles. This curriculum is designed to prepare students to become mechanical, technical, and architectural designers who will be competent in designing and producing the finished drafting and design work for modern industry. At the same time, they will have developed computer-aided graphics and design application skills.

Individuals are prepared to accept positions in drafting/design rooms and computer-aided design/drafting facilities of manufacturing companies, industrial organizations, governmental agencies, and industrial management positions. The Bachelor of Science degree with a major in drafting design technology is awarded.

### FRESHMAN YEAR

*BSS 101-Freshman Seminar.....	2
CHEM 111-General Chemistry.....	3
CHEM 113-General Chemistry Lab.....	1
DET 102-Descriptive Geometry.....	3
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
ETC 101-Intro. to Engr. Tech.....	1
ETC 102-Safety Engineering.....	1
ETC 103-Engineering Graphics.....	3
ETC 104-Prin. of Electrical Circuits.....	2
ETC 124-Prin. of Electrical Lab.....	1
HED 100-First Aid.....	1
MATH 147-Precalculus I.....	3
MATH 148-Precalculus II.....	3
PE Activity.....	1
Total.....	31

\*HON 110 may be taken instead of BSS 101

### SOPHOMORE YEAR

CS ELECTIVE (Program Language.....)	3
DET 201-Computer-Aided Drafting I.....	3
DET 202-Computer-Aided Drafting II.....	3
ENG 207-Intro. to Tech. Report Writing.....	3
ENG 213-Advance Composition.....	3
ETC 202-Engr. Matls & Processing.....	2
ETC 222-Engr. Matl & Process Lab.....	1
GET 300-Rising Junior Exam.....	0
MATH 153-Calculus I.....	3
MATH 154-Calculus II.....	3
PHYS 151-General Physics I.....	5
PHYS 152-General Physics II.....	5
Total.....	34

### JUNIOR YEAR

ARTS ELECTIVE (ART 210 or MUS 219).....	3
BIOL Elective & Lab.....	4
DET TECHNICAL ELECTIVE.....	3
DET TECHNICAL ELECTIVE.....	3
DET 307-Computer-Aided Drafting III.....	3
ETC 301-Statics.....	3
ETC 303-Computer Application.....	2

# UNDERGRADUATE PROGRAMS

ETC 306-Strength of Materials.....	3
ETC 326-Strength of Material Lab .....	1
MET 304-Computer-Aided Design I .....	3
ST 212-Fundamentals of Public Speaking.....	3
STAT 273-Statistics .....	3
Total .....	34

### SENIOR YEAR

DET 403-Design of Machine Elements.....	3
ETC 420-Senior Problems .....	3
ETC 402-Engineering Economy.....	2
GET 400-Senior Comp. Competency Exam .....	0
HIST 201-American History to 1877 .....	3
HUM ELECTIVE.....	3
MET401-Computer-Aided Design II .....	3
SOC SCIENCE ELECTIVE .....	3
SOC SCIENCE ELECTIVE (Econ 201) .....	3
TECHNICAL ELECTIVE.....	3
Total .....	26

TOTAL 125

**NOTE:** Elective requirements must be approved by the student's advisor.

### CURRICULUM IN ELECTRONICS ENGINEERING TECHNOLOGY (EET)

This curriculum is designed to equip students with all the competencies necessary for either advanced graduate study or professional career in the electrical/electronics industry. The emphases in this area are placed on theoretical concepts, analysis and design techniques, system applications and practical hands-on experience on working with instruments. Course work includes circuit fundamentals, electronic devices, instrumentation, digital logic, machinery, microprocessors, and various technical electives such as computer interfacing, automatic control, communication, circuit design, etc. The use of computers in various courses and electronic design automation (ex. CAD) are included and stressed.

Individuals are prepared to work for all types of industries, not limited to electronics/computer companies. Graduates will find initial employment closely paralleling the opportunities of the engineering graduate with similar backgrounds, although with more emphasis on immediate applications, such as operations management, system and product development, technical sales and services, engineering related design, project supervising/managing, and consulting engineering practice. The Bachelor of Science degree with a major in electronics engineering technology is awarded.

### FRESHMAN YEAR

*BSS 101-Freshman Seminar.....	2
CHEM 111-General Chemistry .....	3
CHEM 113-General Chemistry Lab.....	1
CS ELECTIVE (Program Language).....	3
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
ETC 101-Intro. to Engr. Tech .....	1
ETC 102-Safety Engineering .....	1
ETC 103-Engineering Graphics .....	3
ETC 104-Prin. of Electrical Circuits I.....	2
ETC 124-Prin. of Electrical Circuits I Lab .....	1
HED 100-First Aid .....	1
MATH 147-Precalculus I .....	3
MATH 148-Precalculus II .....	3
PE Activity .....	1
SOC SCI ELECT (Econ 201) .....	3
Total .....	34

\*HON 110 may be used instead of FYE 101

### SOPHOMORE YEAR

EET 201-Prin of Elect Circuits II .....	2
EET 202-Electronics Devices I.....	3
EET 221-Prin of Elect Circ II Lab .....	1
EET 222-Electronics Devices I Lab .....	1
ENG 207-Intro. to Tech Writing .....	3
ENG 213-Advance Composition .....	3
ETC 202-Engr. Mat'ls & Process .....	2
ETC 222-Engr. Mat'l & Process Lab .....	1
MATH 153-Calculus I .....	3
MATH 154-Calculus II .....	3
PHYS 151-General Physics I.....	5
PHYS 152-General Physics II.....	5
Total .....	32

### JUNIOR YEAR

ARTS ELECTIVE (ART 210 or MUS 219) .....	3
EET 301-Digital Logic System .....	3
EET 302-Instrumentation & Measurement.....	2
EET 303-Electronic Devices II .....	3
EET 304-Electric Circuits & Machines .....	3
EET 306-Microprocessor Fundamentals.....	3
EET 321-Digital Logic System Lab .....	1
EET 322-Instrumentation & Measurement Lab.....	1
EET 323-Electronic Devices II Lab .....	1
EET 324-Electric Circuits & Machines Lab .....	1
EET 326-Microprocessor Fund Lab .....	1
ETC 303-Computer Application.....	2
GET 300-Rising Junior Examination .....	0
HIST 201 American History to 1877.....	3
SOC. SCIENCE ELECTIVE .....	3
STAT 273-Statistics .....	3
Total .....	33

### SENIOR YEAR

BIOL ELECTIVE & Lab .....	4
EET 401-Prin. of Circ. Analysis.....	2
ETC 420-Senior Problems .....	3
EET 421-Prin. of Circ. Analysis Lab.....	1
EET TECHNICAL ELECTIVE.....	3
EET TECHNICAL ELECTIVE LAB.....	1
EET TECHNICAL ELECTIVE.....	3
EET TECHNICAL ELECTIVE LAB.....	1
ETC 402 Engineering Economy.....	2
HUM ELECTIVE .....	3
ST 212-Fundamentals of Public Speaking.....	3
Total .....	26

TOTAL 125

**NOTE:** Elective requirements must be approved by the student's advisor.

### DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

The Department of Mathematics and Computer Science gives its majors and all others it serves a firm foundation in computation, comprehension, and logical reasoning. This is done with the goal that its clientele will perform effectively whenever the discipline relates to their field of endeavor or to problems of everyday affairs. The Department offers a Bachelor of Science degree with a major in mathematics and a Bachelor of Science degree with a major in computer science. The Bachelor of Science degree will be awarded to students who complete the outlined program of study and meet the requirements of the Department of Mathematics and Computer Science and the College of Arts and Sciences. Students may receive a minor in computer science or mathematics by completing 18 hours of approved courses.

UNDERGRADUATE PROGRAMS

# UNDERGRADUATE PROGRAMS

The B. S. degree with a major in the computer science program is “accredited by the Computing Accreditation Commission (CAC) of Accreditation Board for Engineering and Technology (ABET), 111 Market Place, Suite 1050, Baltimore, MD 21202-4012; 410-347-7700.”

## CURRICULUM IN MATHEMATICS

### FRESHMAN YEAR

*BIOL 113-Principles of Biology .....	3
BIOL 115-Biology Lab .....	1
*BSS 101-Freshman Seminar .....	2
CS 110 Computer Science I.....	3
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
HED 100-First Aid .....	1
HIST 201-Amer. National Multicultural History.....	3
**MATH 153-Calculus I .....	3
PE Activity .....	1
PSY 200-General Psychology.....	3
ST 212-Fundamentals of Public Speaking.....	3
Total .....	29

### SOPHOMORE YEAR

ART 210-Intro. to Fine & Performing Arts .....	3
CS 120-Computer Science II .....	3
CS 210-Discrete Structures .....	3
ENG 200- World Literature.....	3
ENG 207-Intro. to Technical Writing.....	3
GET 300-Rising Junior Exam.....	0
MATH 154-Calculus II .....	3
MATH 201-Calculus III .....	3
PHYS 151-General Physics .....	5
STAT 273-Probability and Statistics I.....	3
STAT 274-Probability and Statistics II.....	3
Total .....	32

### JUNIOR YEAR

CS 235 Data Structures .....	3
ECON 201-Principles of Economics .....	3
ENG 213-Advanced Composition .....	3
MATH 305-Deductive Mathematics.....	3
MATH 307-Intro. to Modern Geometry.....	3
MATH 309-Intro. to Linear Algebra .....	3
MATH 320-Selected Topics in Math I.....	3
MATH 321-Intro. to Modern Algebra I.....	3
PHYS 152-General Physics .....	5
STAT 373-Statistical Methods I.....	3
Total .....	32

### SENIOR YEAR

GET 400-Senior Comprehensive Exam.....	0
MATH 323-Intro to Modern Algebra II .....	3
MATH 400-Real Analysis I .....	3
MATH 403-Differential Equations .....	3
MATH 407-Vector Analysis.....	3
MATH 418-Intro to Theory of Numbers.....	3
MATH 420-Selected Topics in Math II.....	2
MATH 421-Numerical Methods I.....	3
MATH 430-Intro. to Topology .....	3
MAJOR ELECTIVE (300/400 level in Math/Stat).....	3
***NON-MAJOR ELECTIVE .....	3
***NON-MAJOR ELECTIVE .....	3
Total .....	32

TOTAL 125

\* BIOL 103 may be replaced by BIOL 104 or BIOL 113.

\*\* Students deficient in math must take MATH 147/148 before taking MATH 153.

\*\*\* Any two course sequence must be pre-approved by the Department of Mathematics and Computer Science in one of the following areas: accounting, economics, engineering technology, foreign languages, general business, management, marketing, psychology, computer science, statistics, technical writing, biology, and chemistry.

## MATHEMATICS ELECTIVES

MATH 335-Operations Research .....	3
MATH 350-Math Methods for Sec. Ed. Teachers.....	3
MATH 401-Real Analysis II .....	3
MATH 404-Fundamental Concepts of Mathematics .....	3
MATH 406-Introduction to Complex Analysis.....	3
MATH 409-Research in Mathematics.....	3
MATH 440-Projective Geometry.....	3
MATH 446-Numerical Methods II .....	3
STAT 374-Statistical Methods II .....	3
STAT 470-Statistical Methods III .....	3
STAT 471-Statistical Methods IV.....	3

## CURRICULUM IN COMPUTER SCIENCE

### FRESHMAN YEAR

*BIOL 103-Principles of Biology .....	4
*BSS 101-Freshman Seminar .....	2
CS 110-Computer Science I.....	3
CS 120-Computer Science II .....	3
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
HED 100-First Aid .....	1
HIST 201-Amer. National Multicultural History.....	3
**MATH 153-Calculus I .....	3
MATH 154-Calculus II .....	3
PE ACTIVITY .....	1
Total .....	29

### SOPHOMORE YEAR

CS 210-Discrete Structures .....	3
CS 225-Comp. Org. & Assembly Language .....	3
CS 235-Data Structures .....	3
GET 300-Rising Junior Exam.....	0
ENG 213-Advanced Composition .....	3
ENG 207-Intro. to Technical Writing.....	3
MATH 201-Calculus III .....	3
PA 201-Ethics of Public Service.....	3
PHYS 151-General Physics .....	5
ST 212-Fundamentals of Public Speaking.....	3
STAT 273-Probability and Statistics I.....	3
Total .....	32

### JUNIOR YEAR

CS 300-Computer Science Seminar I.....	1
CS 310-Software Engineering.....	3
CS 320-Database Management Systems.....	3
CS 336-Programming Language Concepts .....	3
CS 345-Operating Systems .....	3
CS 360-Design & Analysis of Algorithms .....	3
MATH 309-Intro. to Linear Algebra .....	3
MATH 421-Numerical Methods I .....	3
PHYS 152-General Physics .....	5
PSY 200-General Psychology.....	3
STAT 274-Probability and Statistics II.....	3
Total .....	33

### SENIOR YEAR

ART 210-Intro. to Fine & Performing Arts .....	3
CS 400-Computer Science Seminar II.....	1
CS 405-Software Development.....	3
CS 414-Computer Architecture .....	3
CS 419-Computer Networks .....	3
CS 424-Advanced Programming Techniques .....	3

# UNDERGRADUATE PROGRAMS

ECON 201-Principles of Economics .....	3
GET 400-Senior Comprehensive Exam.....	0
MAJOR ELECTIVE .....	3
MAJOR ELECTIVE .....	3
***NON-MAJOR ELECTIVE .....	3
***NON-MAJOR ELECTIVE .....	3
Total .....	31

TOTAL 125

\* BIOL 113 may be replaced by BIOL 103 or BIOL 104 (Lect.).  
 \* BIOL 115 may be replaced by BIOL 105 or BIOL 106 (Lab).  
 \*\* Students deficient in math should take MATH 147/148 before taking MATH 153.  
 \*\*\* Any two course sequence must be pre-approved by the Department of Mathematics and Computer Science in one of the following areas: accounting, economics, engineering technology, foreign languages, general business, management, marketing, psychology, mathematics, statistics, technical writing, biology, and chemistry.

### COMPUTER SCIENCE ELECTIVES

CS 426-Artificial Intelligence .....	3
CS 428-Computer Graphics.....	3
CS 431-Compiling Techniques.....	3
CS 440-Computer Performance Evaluation.....	3
CS 445-Modeling and Simulation.....	3
CS 450-Parallel Processing .....	3
CS 454-Theory of Computing .....	3
CS 456-Special Topics in Computer Science .....	3
CS 459-Special Topics in Database Management Systems.....	3
CS 462-Special Topics in Software Engineering.....	3

## DEPARTMENT OF MUSIC

### CURRICULUM IN MUSIC PERFORMANCE

The program of study leading to the Bachelor of Arts degree in music is designed for those students who intend to do graduate study or who plan careers in studio teaching. The courses in this curriculum do not meet the requirements for teacher certification. Special requirements in this curriculum include 1) grades of "C" or better in all music courses and 2) a public recital on the major instrument/voice for successful completion of this course of study. Grades lower than "C" in music courses will not count toward the degree. The senior recital must be approved by the applied music teacher and the recital committee.

The student will select a major from the following areas of applied music:

Baritone Horn	Piano
Bassoon	Saxophone
Cello	String Bass
Clarinet	Trumpet
Cornet	Trombone
Flute	Tuba
French Horn	Viola
Oboe	Violin
Guitar	Voice
Organ	
Percussions	

### CURRICULUM IN MUSIC

#### FRESHMAN YEAR

BIOL 103-Principles of Biology .....	4
BIOL 104-Principles of Biology .....	4
*BSS 101 or HON 110H-Freshman Seminar .....	2

ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
HED 100-First Aid or MS 101 or 102 .....	1
MUS 101-Basic Music.....	2
MUS 105-Piano Class.....	2
MUS 106-Piano Class.....	2
MUS 111-Major Applied Instrument, Piano or Voice .....	2
MUS 112-Major Applied Instrument, Piano or Voice.....	2
MUS 115-Harmony I.....	3
MUS 116-Harmony II.....	3
MUS 125-Ear Training I.....	1
MUS 126-Ear Training II.....	1
MUS VAR-Band, Choir, or Orchestra.....	0-1
PE Activity .....	1
Total.....	35-37

#### SOPHOMORE YEAR

CS 107-Computers and Society.....	3
ENG 200, 202, 203, or 204-World Literature, Intro. to Lit., Intro. to English Lit., or Intro. to American Lit. ....	3
ENG 213-Advanced Composition .....	3
GET 300-Rising Junior Examination .....	0
HIST 201-American National Multicultural History to 1877 .....	3
MATH 131-College Algebra.....	3
MATH 132-College Trigonometry .....	3
MUS 211-Major Applied Instrument, Piano or Voice.....	2
MUS 212-Major Applied Instrument, Piano or Voice.....	2
MUS 215-Harmony III (Includes Counterpoint).....	3
MUS 216-Harmony IV (Includes Form/Analysis) .....	3
MUS 225-Ear Training III.....	1
MUS 226-Ear Training IV .....	1
MUS VAR-Band, Choir, or Orchestra.....	0-1
Total.....	30-32

#### JUNIOR YEAR

CHEM 101-Environmental Chemistry or SCI 101-Physical Science Survey .....	3-4
Foreign Language .....	3
HIST 101-History of Western Civilization .....	3
HIST 102-History of Western Civilization .....	3
HUM 200, 201, 202, or 301-Humanities .....	6
MUS 311-Applied Instrument, Piano or Voice.....	2
MUS 312-Applied Instrument, Piano or Voice.....	2
MUS VAR-Band, Choir, or Orchestra.....	0-1
ST 208 or ST 212-Fundamentals of Public Speaking.....	3
Total.....	28-31

#### SENIOR YEAR

ECON 201-Principles of Economics .....	3
Foreign Language .....	3
GET 400-Senior Comprehensive .....	0
MUS 319-Music Appreciation.....	3
MUS 411-Recital Preparation.....	2
MUS 412-Senior Recital.....	2
MUS 415-Music History .....	3
MUS VAR-Band, Choir, or Orchestra.....	0-1
PS 201-American National Government.....	3
PSY 200-General Psychology or SOC 201-Introduction to Sociology.....	3
Total.....	24-26

#### SENIOR YEAR (9th Semester)

Foreign Language .....	3
PHIL 201-Introduction to Philosophy.....	3
MUS VAR-Band, Choir, or Orchestra.....	0-1

UNDERGRADUATE PROGRAMS

# UNDERGRADUATE PROGRAMS

MUS 416-Multicultural Music History .....	3
Total .....	8-10
<b>TOTAL</b>	<b>127-128</b>

The need to enroll for a 9th semester may be avoided by attending summer school. On the other hand, some students may be required to take developmental courses before enrollment in the regular course schedule.

## DEPARTMENT OF PHYSICS

The objectives of the Department of Physics are (1) to provide a broad understanding of nature from the smallest domain of the atomic nucleus to the extent of the universe, (2) to provide the training necessary to compete in an increasingly technological society, and (3) to provide preparation for post-graduate study of physics or other highly technical fields.

The Bachelor of Science degree with a major in physics is offered for students who complete the outlined program of study and meet the requirements of the Department of Physics and the College of Arts and Sciences. The department offers two curriculum concentrations.

The general physics concentration is intended to give the student a foundation upon which to continue the study of physics in graduate school or to pursue a career as a professional in a highly technical field. Students must complete a minimum of 85 semester hours of courses in science and mathematics (including 57 semester hours of physics and 25 semester hours of chemistry and mathematics), the general education requirements, and other selective requirements.

The material science concentration affords the student the opportunity for more intense study of materials using an interdisciplinary strategy. In addition to enrolling in a rigorous core of courses in physics, the student pursuing the material science concentration will also enroll in select courses in chemistry and engineering technology. This course of study will prepare the student for continued study of materials in graduate school or to pursue a career in the discipline upon completing the baccalaureate degree. Students must complete a minimum of 88 semester hours of courses in physical science, engineering technology, and mathematics (including 45 semester hours of physics and 43 semester hours of chemistry, electronics engineering technology, and mathematics), the general education requirements, and other selective requirements.

The MARC Fellowship is available to students majoring in physics. Criteria include US citizenship or permanent residence, and a GPA of 3.0 or higher, both cumulative and in all mathematics and science courses taken. Fellowship includes tuition, up to \$21,912 in stipend over 24 months, participation in Summer Research Internship (SRI), and a travel award to a national research conference. The purpose of the MARC program is to help students to become competitive for admission in PH.D. or M.D./Ph.D. programs in biomedical sciences.

## CURRICULUM IN PHYSICS

### FRESHMAN YEAR

*BSS 101-Freshman Seminar .....	2
CONCENTRATION REQUIREMENTS .....	3
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
HED 100-First Aid .....	1
HIST 201-Amer. National Multicultural History .....	3
HUMANITIES ELECTIVE .....	3
MATH 153-Calculus for Science Majors I .....	3
MATH 154-Calculus for Science Majors II .....	3
PE ACTIVITY .....	1

PHYS 151-General Physics I .....	5
PHYS 152-General Physics II .....	5
Total .....	32-35

### SOPHOMORE YEAR

CHEM 111-General Chemistry I .....	3
CHEM 112-General Chemistry II .....	3
CHEM 113-General Chemistry I Lab .....	1
CHEM 114-General Chemistry II Lab .....	1
CS 108-Computer Programming: FORTRAN .....	3
ENG 213-Advanced Composition .....	3
GET 300-Rising Junior Exam .....	0
MATH 201-Calculus III .....	3
MATH 403-Differential Equations .....	3
PHYS 213-Atomic Physics .....	3
PHYS 214-Nuclear Physics .....	3
PHYS 217-Optics .....	3
PHYS 220-Sophomore Lab (Atomic) .....	1
PHYS 221-Sophomore Lab (Nuclear) .....	1
PHYS 227-Sophomore Lab (Optics) .....	1
Total .....	32

### JUNIOR YEAR

BIOL 113-Principles of Biology I .....	3
BIOL 115-Principles of Biology I Laboratory .....	1
CONCENTRATION REQUIREMENTS .....	12-13
ECON 201-Principles of Economics I .....	3
PHYS 304-Thermodynamics .....	3
PHYS 305-Mechanics I .....	3
PHYS 306-Mechanics II .....	3
PHYS 323-Advanced Lab I .....	2
PHYS 324-Advanced Lab II .....	2
Total .....	29-30

### SENIOR YEAR

ART 210-Intro. to Fine & Performing Arts .....	3
CONCENTRATION REQUIREMENTS .....	14-15
GET 400-Senior Comprehensive Exam .....	0
PHYS 350-Electronics .....	3
PHYS 421-Projects in Physics .....	2
PHYS 422-Projects in Physics .....	2
ST 212-Fundamentals of Public Speaking .....	3
SOCIAL SCIENCE ELECTIVE .....	3
Total .....	30-31

TOTAL

125-126

### CONCENTRATION: General Physics

BIOL 114-Principles of Biology II .....	3
BIOL 116-Principles of Biology II Laboratory .....	1
Electives .....	6
PHYS 304-Thermodynamics .....	3
PHYS 313-Mathematical Methods of Physics I .....	3
PHYS 314-Mathematical Methods of Physics II .....	3
PHYS 403-Electricity and Magnetism I .....	3
PHYS 404-Electricity and Magnetism II .....	3
PHYS 410-Quantum Mechanics .....	3
Total .....	28

### CONCENTRATION: Material Science

CHEM 223-Organic Chemistry .....	3
CHEM 225-Organic Chemistry Lab .....	1
CHEM 230-Quantitative Analysis .....	3
CHEM 232-Quantitative Analysis Lab .....	2
CHEM 341-Physical Chemistry I .....	3
CHEM 342-Physical Chemistry II .....	3
CHEM 343-Physical Chemistry I Lab .....	1

# UNDERGRADUATE PROGRAMS

CHEM 344-Physical Chemistry II Lab.....	1
ETC 202-Engineering Materials and Processing.....	2
ETC 222-Engineering Materials and Processing Lab.....	1
PHYS 400-Electronic Properties of Materials.....	3
PHYS 403-Electromagnetism.....	3
PHYS 425-Selected Topics in Modern Physics.....	3
Total.....	29

## DEPARTMENT OF POLITICAL SCIENCE AND PUBLIC ADMINISTRATION

The main objective of the Department of Political Science and Public Administration is to prepare professionally qualified persons who will be able to serve as generalists and specialists in administrative careers in government, public service agencies and related areas.

### CURRICULUM IN POLITICAL SCIENCE

The main objectives of the curriculum in political science are (1) to provide a basic general knowledge of American as well as foreign government, and (2) to enable students to think critically and analytically about contemporary political questions.

Students must complete the outlined program of study and meet the requirements of the Department of Political Science/Public Administration and the College of Arts and Sciences.

**Area of Emphasis:** A minimum of 36 semester hours in Political Science core courses is required. Students should see the departmental advisor for specifics for each emphasis area.

#### FRESHMAN YEAR

BIOL 103-Principles of Biology.....	4
BIOL 104-Principles of Biology.....	4
*BSS 101 or HON 110H-Freshman Seminar.....	2
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
HED 100-First Aid or MS 101 or 102.....	1
HIST 101-History of Western Civilization.....	3
HIST 102-History of Western Civilization.....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry.....	3
*PE Activity.....	1
PS 200-Introduction to Political Science.....	3
Total.....	30

\*AS 101, 102, MS 101 or 102 may satisfy this requirement.

#### SOPHOMORE YEAR

ART 210, MUS 219, or Art 105-Intro. to Fine and Performing Arts, Music Appreciation, or Art Appreciation.....	3
CS 107-Computers & Society.....	3
ENG 200, 202, 203, or 204-World Literature, Intro. to Lit., Intro. to English Lit., or Intro. to American Lit.....	3
ENG 213-Advanced Composition.....	3
Foreign Language.....	3
GEOG 201-Cultural Geography.....	3
GET 300-Rising Junior Examination.....	0
HUM 200, 201, 202, or 301-Humanities.....	6
PS 201-American National Government.....	3
SS 304-Elementary Statistics.....	3
ST 212-Fundamentals of Public Speaking.....	3
Total.....	33

#### JUNIOR YEAR

CHEM 101-Environmental Chemistry.....	3
ECON 201-Principle of Economics.....	3

Foreign Languages (Same Language).....	6
HIST 201-American National Multicultural History to 1877.....	3
PHIL 201-Intro. to Philosophy.....	3
PSY 200-General Psychology or SOC 201-Introduction to Sociology.....	3
SS 304-Elementary Statistics.....	3
PS 300-State and Local Government.....	3
PS 311-Comparative Government of Europe.....	3
PS 312-Comparative Government of Asia.....	3
Total.....	33

#### SENIOR YEAR

PS 404-International Organization & Relations.....	3
PS 406-U.S. Political Institutions.....	3
PS 421-Western Political Thought.....	3
PS 422-Modern Political Thought.....	3
PS Electives (must include SS 407).....	12
Electives.....	5
Total.....	29

TOTAL 125

### CURRICULUM IN POLITICAL SCIENCE (PRE-LAW)

After completing the 110 semester hours of required courses in the pre-law curriculum, the student may transfer if accepted to a law school to complete his/her legal training. Upon completing the first two years of training in an approved law school, the student may have his/her transcript evaluated at Grambling State University for the purpose of being awarded the Bachelor of Arts degree in political science (pre-law). Moreover, a pre-law student may earn the Bachelor of Arts degree by staying to pursue a minimum of required 26 additional hours in political science and other areas.

**Area of emphasis:** Student should see departmental advisor for specifics for area's emphasis.

#### FRESHMAN YEAR

BIOL 103-Principles of Biology.....	4
BIOL 104-Principles of Biology.....	4
*BSS 101 or HON 110H-Freshman Seminar.....	2
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
HED 100-First Aid or MS 101 or 102.....	1
HIST 101-History of Western Civilization.....	3
HIST 102-History of Western Civilization.....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry.....	3
*PE Activity.....	1
PS 200-Introduction to Political Science.....	3
PS 201-American National Government.....	3
Total.....	33

\*AS 101, 102, MS 101 or 102 may satisfy this requirement.

#### SOPHOMORE YEAR

ART 210, MUS 219, or Art 105-Intro. to Fine and Performing Arts, Music Appreciation, or Art Appreciation.....	3
CS 107-Computers & Society.....	3
ENG 200, 202, 203, or 204-World Literature, Intro. to Lit., Intro. to English Lit., or Intro. to American Lit.....	3
ENG 213-Advanced Composition.....	3
Foreign Language.....	3
GEOG 201-Cultural Geography.....	3
GET 300-Rising Junior Examination.....	0
HUM 200, 201, 202, or 301-Humanities.....	6
PS 204-Elements of Law.....	3
SS 304-Elementary Statistics.....	3

UNDERGRADUATE PROGRAMS



# UNDERGRADUATE PROGRAMS

ST 212-Fundamentals of Public Speaking.....	3
Total.....	33

## JUNIOR YEAR

CHEM 101-Environmental Chemistry .....	3
ECON 201-Principle of Economics .....	3
ENG 311-Advanced Composition .....	3
Foreign Languages (Same Language) .....	6
HIST 201-American National Multicultural History to 1877 .....	3
PHIL 201-Intro. to Philosophy .....	3
PHIL 301-Logic.....	3
PSY 200-General Psychology or SOC 201-Introduction to Sociology.....	3
PS 300-State and Local Government .....	3
Total.....	30

## SENIOR YEAR

PS 311-Comparative Government of Europe .....	3
PS 312-Comparative Government of Asia .....	3
PS 403-Constitutional Law.....	3
PS 404-International Organization & Relations .....	3
PS 405-Civil Liberties in the United States .....	3
PS 406-U.S. Political Institutions.....	3
PS 421-Western Political Thought .....	3
PS 422-Modern Political Thought .....	3
PS Electives .....	3
Electives .....	2
Total.....	29

TOTAL 125

## DEPARTMENT OF SOCIOLOGY AND PSYCHOLOGY

The major objectives in psychology are to (1) prepare students for immediate employment, graduation and/or continuing study; (2) offer courses that meet the needs of students in other instructional areas; (3) utilize research methodology and techniques for scientific investigations; and (4) provide community services through workshops, conferences, short courses, research projects, and program evaluation.

The Bachelor of Arts degree with a major in psychology is offered for those students who complete the outlined program of study and meet the requirements of the Department of Sociology and Psychology and the College of Arts and Sciences.

A minimum of 39 semester hours in psychology is required. A minor in sociology may be attained with 18 approved credit hours in sociology.

### CURRICULUM IN PSYCHOLOGY, GENERAL

#### FRESHMAN YEAR

BIOL 103-Principles of Biology .....	4
BIOL 104-Principles of Biology .....	4
*BSS 101 or HON 110H-Freshman Seminar .....	2
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
*HED 100-First Aid.....	1
HIST 101-History of Western Civilization .....	3
HIST 102-History of Western Civilization .....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
**PE Activity .....	1
Total.....	30

\*MS 101 or 102 may satisfy this requirement.

\*\*AS 101, 102, MS 101 or 102 may satisfy this requirement.

## SOPHOMORE YEAR

ART 210, MUS 219, or Art 105-Intro. to Fine and Performing Arts, Music Appreciation, or Art Appreciation .....	3
CS 107-Computers & Society .....	3
ENG 200, 202, 203, or 204-World Literature, Intro. to Lit., Intro. to English Lit., or Intro. to American Lit.....	3
Foreign Language .....	3
GEOG 201-Cultural Geography .....	3
HIST 201-American National Multicultural History to 1877 .....	3
GET 300-Rising Junior Examination .....	0
ST 212-Fundamentals of Public Speaking or ST 208-Speech Arts .....	3
PSY 200-General Psychology.....	3
PSY 201-Advanced General Psychology.....	3
PSY 202-Developmental Psychology .....	3
Total.....	30

## JUNIOR YEAR

ENG 213-Advance Composition .....	3
Foreign Languages .....	6
HUM 200-African Culture, HUM 201-Western Culture, HUM 202-Non-Western Culture, or HUM 301-Humanities of the South .....	6
PHIL 201-Intro. to Philosophy .....	3
PSY 300-Principles of Learning .....	3
PSY 302-Theories of Personality .....	3
PSY 304-Abnormal Psychology .....	3
PSY 305-Social Psychology.....	3
PSY 320-Physiological Psychology .....	3
PSY 327-Descriptive Statistics.....	3
Total.....	36

## SENIOR YEAR

CHEM 101-Environmental Chemistry or SCI 101-Physical Science Survey.....	3
ECON 201-Principle of Economics .....	3
GET 400-Senior Comprehensive Competency Examination.....	0
PS 201-American National Government.....	3
PSY 400-Psychological Measurement.....	3
PSY 401-Experimental Psychology .....	3
PSY 404-History & Systems .....	3
PSY 407-Methods of Research.....	3
PSY 413-Inferential Statistics.....	3
Electives .....	5
Total.....	29

TOTAL 125

### CURRICULUM IN SOCIOLOGY

The major objectives in sociology are to (1) prepare students for immediate employment, graduation and/or continuing study; (2) offer courses that meet the needs of students in other instructional areas; (3) utilize research methodology and techniques for scientific investigations; and (4) provide community services through workshops, conferences, short courses, research projects, and program evaluation.

The Bachelor of Arts degree with a major in sociology is offered for those students who complete the outlined program of study and meet the requirements of the Department of Sociology and Psychology and the College of Arts and Sciences.

A minimum of 36 semester hours in sociology is required. A minor in psychology may be attained with 18 approved credit hours in psychology. See advisor for details of the curriculum.

# UNDERGRADUATE PROGRAMS

## FRESHMAN YEAR

BIOL 103-Principles of Biology .....	4
BIOL 104-Principles of Biology .....	4
*BSS 101 or HON 110H-Freshman Seminar .....	2
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
*HED 100-First Aid .....	1
HIST 101-History of Western Civilization .....	3
HIST 102-History of Western Civilization .....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
**PE Activity .....	1
Total .....	30

\*MS 101 or 102 may satisfy this requirement.

\*\*AS 101, 102, MS 101 or 102 may satisfy this requirement.

## SOPHOMORE YEAR

ART 210-Intro. to Fine and Performing Arts, MUS 219-Music Appreciation or ART 105-Art Appreciation.....	3
CS 107-Computers & Society .....	3
ENG 200-World Literature, ENG 202-Intro to Literature, ENG 203-Intro. to English Literature, or ENG 204-Intro. to American Literature.....	3
Foreign Language .....	3
GEOG 201-Cultural Geography .....	3
HIST 201-American National Multicultural History to 1877 .....	3
GET 300-Rising Junior Examination .....	0
ST 212-Fundamentals of Public Speaking or ST 208-Speech Arts .....	3
SOC 200-Cultural Anthropology.....	3
SOC 201-Introduction to Sociology.....	3
SOC 203-Social Problems .....	3
Total .....	30

## JUNIOR YEAR

ENG 213-Advance Composition .....	3
Foreign Languages .....	6
HUM 200-African Culture and/or HUM 201-Western Culture and/or HUM 202-Non-Western Culture and/or HUM301-Humanities of the South .....	6
PHIL 201-Intro. to Philosophy .....	3
SOC 300-Rural/Urban Sociology .....	3
SOC 304-Social Theory .....	3
SOC 305-Social Psychology .....	3
SOC 306-Minority Groups .....	3
SOC 312-Sociology of Deviance.....	3
SOC 327-Descriptive Statistics .....	3
Total .....	36

## SENIOR YEAR

CHEM 101-Environmental Chemistry or SCI 101-Physical Science Survey.....	3
ECON 201-Principles of Economics .....	3
PS 201-American National Government.....	3
SOC 405-Sociology of the Family.....	3
SOC 407-Methods of Research.....	3
SOC 413-Inferential Statistics .....	3
SOC 415-Counseling and Clinical.....	3
Electives .....	8
Total .....	29

TOTAL 125

## DEPARTMENT OF SPEECH AND THEATRE

The Department of Speech and Theatre in the College of Arts and Sciences offers a four year academic program that leads to the Bachelor of Arts degree in speech and theatre. There are three areas of concentration for theatre majors: dance, performance (acting and directing), and production. Within the department a minors are offered in dance and deaf education. The curricula for each follows.

### CURRICULUM IN SPEECH AND THEATRE

The Bachelor of Arts Degree with a major in theatre is offered for those students who complete the outlined program of study and meet the requirements of the Department of Speech and Theatre and the College of Arts and Sciences.

A minimum of 43 hours is required for a major in theatre.

**Minor Requirements:** At least eighteen hours are required to minor in theatre. The required courses include ST 100, 211, 308, 309, 311, 413, or 434.

## FRESHMAN YEAR

BIOL 103-Principles of Biology .....	4
BIOL 104-Principles of Biology .....	4
FYE 101 or HON 110H-Freshman Seminar.....	2
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
HED 100-First Aid or MS 101 or 102 .....	1
HIST 101-History of Western Civilization .....	3
HIST 102-History of Western Civilization .....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
*PE Activity .....	1
ST 100-Introduction to Theatre .....	3
Total .....	33

\*AS 101, 102, MS 101 or 102 may satisfy this requirement.

## SOPHOMORE YEAR

ART 210, MUS 219, or Art 105-Intro. to Fine and Performing Arts, Music Appreciation, or Art Appreciation.....	3
CS 107-Computers & Society .....	3
ECON 201-Principles of Economics .....	3
ENG 200, 202, 203, or 204-World Literature, Intro. to Lit., Intro. to English Lit., or Intro. to American Lit. ....	3
ENG 213-Advanced Composition .....	3
Foreign Languages .....	6
GEOG 201-Cultural Geography .....	3
GET 300-Rising Junior Examination .....	0
HUM 200 or 201-African Culture or Western Culture .....	3
ST 201-Stage Make-up .....	1
ST 203-History of Theatre I.....	3
ST 211-Acting.....	3
ST 212-Funcamentals of Public Speaking.....	3
Total .....	34

## JUNIOR YEAR

CHEM 101-Environmental Chemistry or SCI 101-Physical Science Survey .....	3-4
Foreign Language .....	3
PHIL 201-Intro. to Philosophy .....	3
PSY 200-General Psychology or SOC 201-Introduction to Sociology.....	3
ST 204-History of Theatre II.....	3

UNDERGRADUATE PROGRAMS

# UNDERGRADUATE PROGRAMS

ST 307-Stage and Studio Lighting .....	3
ST 308-Stage Costuming.....	3
ST 311-Modern Drama.....	3
Theatre Track Course (See details below) .....	3
Total.....	30-31

## SENIOR YEAR

ECON 201-Principles of Economics .....	3
GET 400-Senior Comprehensive Competency Exam .....	3
HIST 201-American Natl. Multicultural History to 1877.....	3
HUM 202-Non-Western Culture or HUM 301-Humanities of the South .....	3
PS 201-American National Government.....	3
ST 314-Stagecraft .....	3
ST 404-Playwriting .....	3
ST 434-Play Directing .....	3
Theatre Track Course (See details below) .....	3
Total.....	27

TOTAL 124-125

## ACTING AND DIRECTING CONCENTRATION

ST 101 Voice and Diction or ST 209 Interpretative Reading .....	3
ST 406 Creative Dramatics for Children .....	3
ST 408 Advanced Acting .....	3

## DANCE CONCENTRATION

ST 106 Modern Dance .....	3
ST 205 Dance for the Theatre .....	3
ST 206 Movement for the Stage .....	3

## PRODUCTION CONCENTRATION

ST 310 Stagecraft 2 .....	3
ST 422 Stage and Studio Lighting 2 .....	3
ST 424 Stage Costume 2 .....	3

## MINOR IN DANCE:

ST 103 Ballet I.....	3
ST 105 Beginning Dance Techniques .....	3
ST 106 Modern Dance .....	3
ST 107 Ballet II.....	3
ST 108 Jazz .....	3
ST 110 Tap I.....	1
ST 205 Dance for the Theater.....	3
ST 313 Dance History .....	2
ST 315 Dance Composition. ....	3
Total.....	24

## MINOR IN THEATRE:

ST 100 Introduction to Theatre .....	3
ST 211 Acting.....	3
ST 308 Stage Costuming.....	3
ST 309 Stagecraft .....	3
ST 311 Modern Drama.....	3
ST 413 Community Drama or ST 434 Play Directing. ....	3
Total.....	18

## MINOR IN DEAF EDUCATION:

ED 162 Introduction to Teaching.....	3
ST 224 Audiology .....	3
ST 227 Beginning Manual Communication.....	3
ST 228 Intermediate Manual Communication.....	3
ST 230 Foundations of Education to the Hearing Imp.....	3
ST 231 Psychology of the Hearing Impaired .....	3
ST 234 Educational Assessment of Hearing Imp. ....	3
ST 330 Teaching Lang. to Hearing Impaired .....	3
ST 334 Methods of Teaching Academic Skills to the Hearing Impaired.....	3
ST 438 Practicum in Hearing Impairment or ST 439 Student Teaching.....	3
Total.....	30

# UNDERGRADUATE PROGRAMS

## EARL LESTER COLE HONORS COLLEGE

### OVERVIEW

The Earl Lester Cole Honors College was established the Fall 1990 for the purpose of developing scholars for service at GSU. The Honors College, a unit within the ACADEMIC Structure, is designed to provide increased academic experiences for talented students; those who wish to **focus** and **broaden** their **horizons** while earning a degree. They have the academic support of co-advisors: advisors in the Honors College and in the respective major areas.

Interested beginning freshman students with an ACT Score of 25 or its equivalent on the SAT, (with the exception of Nursing and Teacher Education majors) are eligible for participation in the Honors College. As participants in the Honors College, students are guided in the selection of General Education courses, required courses in their majors and in their choices of Interdisciplinary Seminars. A variety of unique, challenging experiences **lead** to the achievement of the goal as **effective workers and leaders** for now and the 21st Century.

The Honors College offers an enriched, non-traditional curriculum. It embraces a **three phased program** which consists of: **Honors Courses** in General Education, **designated courses** in a chosen major and **unique nontraditional experiences** in the Honors College. These include: interdisciplinary seminars, research, honors thesis, selected projects, lecture series, study and travel, etc. The focus on **intensive extensive** discourse throughout the program, serves as a **basic strength** for service in the state, national and international work force.

### OBJECTIVES

- The objectives of the Earl Lester Cole Honors College are to:
- **enhance** personal, social intellectual and leadership skills.
  - **increase** incentives for excellence at GSU.

- **strengthen** the scholastic and cultural atmosphere.
- **extend** opportunities to develop a national/international perspective.
- **strengthen** academic and personal pride, scholarship and service at GSU
- **improve** skills in research and appreciation for the university, community, and outreach

### FIRST SEMESTER

HONS 110 FRESHMAN SEMESTER 2

Additional honors courses offered in General Education are taken as required by the respective programs or majors.

### INTERDISCIPLINARY SEMINARS

HONS 112-Career Awareness	2
HONS 220-Man and Culture	3
HONS 240-Science and Society	3
HONS 295-Empowering Leaders	3
HONS 300-Honors Writing Laboratory	3
HONS 310-Cultural Diversity	3
HONS 320-Current Problems/Humanities/ Science	3
HONS 410-Books: Ideas Past, Present, Emerging	3
HONS 415-Scholars and Service	3
HONS 440-Honors Thesis	3
HONS 450-Independent Study	1-3
HONS 460-Honors Lecture Series	2

**NOTE:** Non-traditional experiences are selected in keeping with the **interests** and **needs** of participants. Students are presented medallions at the Medallion Luncheon prior to graduation. In order to determine the type of **recognition** (Bronze, Silver or Gold Medallion), the student is required to take a **minimum** of **three** interdisciplinary seminars at or above the sophomore level, to maintain a designated CGPA, and to participate in Honors and Service activities. The dean of the Honors College can waive the minimum seminar requirement if deemed necessary.

# UNDERGRADUATE PROGRAMS

## COLLEGE OF BUSINESS

### MISSION STATEMENT

The mission of the College of Business is to provide a relevant and challenging academic environment for students who have chosen business related careers as well as students from other disciplines. The college seeks to train and nurture students to become technically competent, socially conscious and culturally sensitive leaders in a dynamic business environment. The college employs a variety of academic programs and activities to assist in developing ethical, intellectual, and professional skills. The college also seeks to uphold the tradition of the university by being faithful to its historical commitment of educating students from various educational backgrounds and various levels of achievement.

### BACHELOR OF SCIENCE

#### (BS) DEGREE

Accounting  
Computer Information Systems  
Economics  
Management  
Marketing

### ADMISSION TO THE COLLEGE

Students seeking to enter a degree granting program in the College of Business must have an ACT score of at least 16 and or GPA of 2.0.

### GRADUATION REQUIREMENTS

A candidate for a degree in the College of Business must meet the following criteria:

1. Complete one of the curricula in the College of Business as outlined in the catalog that is current at the time the student enters the program. If a student changes major or adds a second major after being admitted to the College of Business, the graduation requirements will be the requirements in the catalog at the time of change of major.
2. If a student receives a "D" in major/minor field, the course(s) must be repeated until a grade of "C" or better is earned.
3. Complete application for graduation through the department head's office.
4. Be recommended by advisor, department head, and dean for graduation.

### DEPARTMENT OF ACCOUNTING

The purpose of the Department of Accounting is to provide students with the foundation that will allow them to understand and utilize principles, policies, and theories that govern the field of accounting. Emphasis is on development of problem-solving skills, effective communication, and the knowledge and use of technology as it relates to the profession. The focus of the curriculum is to provide students with the background for careers in public, private, or governmental accounting as well as advanced study.

The Bachelor of Science degree will be awarded to students who complete the 125 semester hours program in accounting and who meet the university and College of Business graduation requirements.

Before enrolling in an accounting course, an accounting major must earn a grade of "C" or higher in all accounting prerequisites for that course.

Minor Requirements: Accounting 201, 202, and 311, and 9 hours of accounting electives at the 300 or 400 level.

### CURRICULUM IN ACCOUNTING

#### FRESHMAN YEAR

*BSS 101-Freshman Seminar .....	2
CIS 115-Intro. to Computer & Software Apps. ....	3
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
GB 150-Fundamentals of Business .....	3
HED 100-First Aid .....	1
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
SCIENCE ELECTIVES (BIOL 103 and 104, + Labs, and SCI 101 + Lab).....	12
Total .....	33

#### SOPHOMORE YEAR

ACCT 201-Financial Accounting Principles.....	3
ACCT 202-Managerial Accounting.....	3
ART ELECTIVE (Must be ART 105, ART 210, or MUS 219).....	3
CIS 215-Information Systems .....	3
ECON 201-Macro Economics .....	3
ECON 202-Micro Economics .....	3
ENG 213-Advanced Composition .....	3
GB 202-Applied Quantitative Methods.....	3
GET 300-Rising Junior Exam.....	0
HIST 201-American National Multicultural Hist.....	3
SOCIAL STUDIES ELECTIVES (Must be from political science, psychology, or sociology).....	3
ST 212-Public Speaking.....	3
Total .....	33

#### JUNIOR YEAR

ACCT 311-Intermediate Accounting I.....	3
ACCT 312-Intermediate Accounting II.....	3
ACCT 303-Federal Income Tax Accounting.....	3
ACCT 305-Cost Accounting .....	3
GB 351-Business Statistics.....	3
FIN 301-Business Finance .....	3
GB 301-Business Law.....	3
MAN 301-Management Principles and Policies.....	3
MKT 301-Principles of Marketing .....	3
GB 304-Business Communication .....	3
Total .....	30

#### SENIOR YEAR

ACCT 313-Intermediate Accounting III.....	3
ACCT 320-Computerized Accounting Systems .....	3
ACCT 400-Auditing .....	3
ACCT 405-Advanced Accounting.....	3
ACCOUNTING ELECTIVE (Must be a 300 or 400 level accounting course) .....	3
FREE NON-BUSINESS ELECTIVES .....	6
HUM ELECTIVE (Must be from foreign language, history, humanities, or philosophy).....	3
MAN 420-Strategic Management.....	3
PE Activity .....	2
Total .....	29

TOTAL 125

# UNDERGRADUATE PROGRAMS

## DEPARTMENT OF COMPUTER INFORMATION SYSTEMS

This program is designed to prepare students for successful careers in the field of computer information systems. The Department seeks to achieve this mission through the following objectives: (1) provide instruction for the development of technical skills and development of a knowledge base required for the changing field of information systems, (2) provide opportunities for students to develop the ability to think critically and reason logically, and (3) emphasize personal development in an effort to prepare students for employment and or graduate studies.

The Bachelor of Science degree will be awarded to students who complete the 125 semester hour program in computer information systems and who meet the university and College of Business graduation requirements. Some courses in computer information systems are also offered through the Distance Learning Center. Before enrolling in a computer information systems course, a computer information systems major must earn a grade of "C" or higher in all computer information systems prerequisites for that course.

### CURRICULUM IN COMPUTER INFORMATION SYSTEMS

#### FRESHMAN YEAR

BIOL 103-Principles of Biology .....	3
BIOL 105 - Biology Lab .....	1
*BSS 101-Freshman Seminar .....	2
CIS 115-Intro. to Computers & Software Apps. ....	3
CIS 120-Problem Solving .....	3
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
GB 150-Fund. of Business .....	3
HED 100-First Aid .....	1
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
BIOL 104-Principles of Biology .....	3
BIOL 106-Biology Lab .....	1
Total .....	32

#### SOPHOMORE YEAR

ACCT 201-Fin. Acct. Principles.....	3
ACCT 202-Managerial Acct.....	3
CIS 203-COBOL and CIS 204-Advanced Business Programming Using COBOL .....	3
CIS 209-Bus. Object-Oriented Prog. I and CIS 210-Bus. Object-Oriented Prog. II.....	3
CIS 215-Information Systems .....	3
ECON 201-Macro Economics .....	3
ENG 213-Advanced Comp.....	3
GB 202-App. Quant Met/Bus. ....	3
GET 300-Rising Junior Exam.....	0
PE Activity .....	2
SCI 101-Physical Science Survey.....	3
SCI 103-Science Lab .....	1
ST 212-Public Speaking.....	3
Total .....	33

#### JUNIOR YEAR

ECON 202-Micro Economics .....	3
FIN 301-Business Finance.....	3
GB 304-Business Communication. ....	3
MAN 301-Principles of Manag. ....	3
MKT 301-Principles of Marketing .....	3

CIS 365-User Interface Programming.....	3
CIS 371-Systems Analysis for Business .....	3
CIS 375-Data Communications & Networking .....	3
CIS 381-Database Systems.....	3
CIS Elective.....	3
HUM ELECTIVE (Must be from foreign language, history, humanities, or philosophy).....	3
Total .....	33

#### SENIOR YEAR

ART Elective (ART 105, 210 or MUS 219) .....	3
GB 301-Business Law.....	3
Free Elective (Non Business).....	3
Free Elective (Non Business).....	3
GB 301-Business Law.....	3
GB 351-Bus. Statistics I .....	3
HIST 201-Amer. Multicultural Hist.....	3
MAN 420-Strategic Management.....	3
PS 201-American Government. ....	3
CIS 479-Project Management.....	3
Total .....	27
TOTAL .....	125

## DEPARTMENT OF ECONOMICS

The main objectives of the Department of Economics are (1) to help students to develop the capacity to think critically, objectively, and with a reasonable degree of sophistication about economic problems and issues; (2) to prepare students for careers in business industry, commerce, and government; (3) to provide students with a firm foundation for graduate study in economics and its related disciplines; (4) to promote a deeper understanding of the economic concepts and institutions relevant to African-American communities; and (5) to provide services to students and the community through the utilization of staff and facilities.

The Bachelor of Science degree will be awarded to students who complete the 125 semester hours program in economics and who meet the requirements of the university and the College of Business. Eighteen (18) hours in economics (including Econ. 201, 201) will satisfy minor requirements.

### CURRICULUM IN ECONOMICS

#### FRESHMAN YEAR

*BSS 101-Freshman Seminar .....	2
CIS 115-Intro. to Computers & Software Apps. ....	3
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
GB 150-Fundamentals of Business .....	3
HED 100-First Aid .....	1
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
SCI Electives (BIOL 103 and 104 + Labs and SCI 101 + Lab).....	12
Total .....	33

#### SOPHOMORE YEAR

ACCT 201-Fin. Acct. Prin. ....	3
ACCT 202-Managerial Acct.....	3
ART 210-Intro Fine/Perf Art or Music 219-Music Appreciation.....	3
CIS 215-Information Systems .....	3
ECON 201-Macro Economics .....	3
ECON 202-Micro Economics .....	3
ENG 213-Advanced Composition .....	3
GET 300-Rising Junior Exam.....	0
HIST 201-Amer. Nat'l Multicultural History.....	3
PS 201-American Government .....	3

UNDERGRADUATE PROGRAMS

# UNDERGRADUATE PROGRAMS

PSY 200-General Psychology.....	3
ST 212 Public Speaking.....	3
Total.....	33

## JUNIOR YEAR

FIN 301-Business Finance.....	3
FIN 302-Investments.....	3
GB 202-Applied Quant. Methods In Business.....	3
GB 301-Business Law I.....	3
GB 303-Business Law II.....	3
GB 304-Business Communication.....	3
GB 351-Business Statistics I.....	3
GB 352-Business Statistics II.....	3
HUM ELECTIVE (Must be from foreign language, history, humanities, or philosophy).....	3
MAN 301-Man. Principles & Policies.....	3
MKT 301-Principles of Marketing.....	3
Total.....	33

## SENIOR YEAR

ECON 351-Intermediate MicroEcon.....	3
ECON 352-Intermediate MacroEcon.....	3
ECON 401-Money and Banking.....	3
Elective Requirements (any 3 additional semester hours outside the Business area: Foreign Language is strongly Recommended).....	3
FIN 303-General Insurance.....	3
FIN 304-Prin. of Real Estate.....	3
FIN 406-Admin. of Fin. Inst.....	3
MAN 420-Strategic Management.....	3
P.E. Activity.....	2
Total.....	26

TOTAL 125

## DEPARTMENT OF MANAGEMENT

The purpose of the Department of Management is to assist students in the development of knowledge and skills that are essential for successful entry into business-related professions and other organizations. Specifically, the department seeks to (1) acquaint students with the common body of knowledge needed for an entry-level position in their field of study; (2) improve the skills of students in the areas of problem solving, communication, and knowledge of related technology; (3) offer students an opportunity to enrich their knowledge through scholarly programs, including global issues, and (4) provide social service programs and activities to members of the community.

The Bachelor of Science degree is awarded to those students who complete the 125 semester hours program in management and who meet the university and College of Business graduation requirements. Students are encouraged to see their advisor for specific elective courses that will be helpful in their career goals. A minor is available to students completing 18 required semester hours in management.

## CURRICULUM IN MANAGEMENT

### FRESHMAN YEAR

*BSS 101-Freshman Seminar.....	2
CIS 115-Intro. to Computers & Software Apps.....	3
ENG 101, ENG 102-Freshman Composition.....	6
GB 150-Fundamentals of Business.....	3
HED 100-First Aid.....	1
MATH 131-College Algebra.....	3
MATH 132-Trigonometry.....	3
PE Activity.....	2
SCI Electives (BIOL 103 and 104 + Labs and SCI 101 + Lab).....	12
Total.....	35

## SOPHOMORE YEAR

ACCT 201-Financial Accounting Principles and Concepts.....	3
ACCT 202-Managerial Accounting.....	3
ART ELECTIVE (ART 105, ART 210, or MUS 219).....	3
ECON 201-Macro Economics.....	3
ECON 202-Micro Economics.....	3
ENG 213-Advanced Composition.....	3
FR/SPAN/SWAH-Intro Foreign Language.....	3
GB 202-Applied Quantitative Methods in Bus.....	3
GET 300-Rising Junior Examination.....	0
HIST 101-History of Civilization.....	3
PS 201-American Government.....	3
ST 212-Public Speaking.....	3
Total.....	33

## JUNIOR YEAR

CIS 215-Information Systems.....	3
ENG 207-Intro to Technical Writing.....	3
FIN 301-Business Finance.....	3
GB 301-Business Law.....	3
GB 303-Business Law II.....	3
GB 351-Business Statistics I.....	3
GB 352-Business Statistics II.....	3
HIST 201-American National Multicultural History.....	3
MAN 301-Management Principles & Policies.....	3
MKT 301-Principles of Marketing.....	3
Total.....	30

## SENIOR YEAR

GB 304-Business Communication.....	3
MAN 310-Management of Human Resources.....	3
MAN 312-Operations Management.....	3
MAN 385-Entrepreneurship.....	3
MAN 420-Strategic Management.....	3
MAN ELECTIVES.....	12
Total.....	27

TOTAL 125

## DEPARTMENT OF MARKETING

The purpose of the Department of Marketing is to assist students in the development of knowledge and skills that are essential for successful entry into business-related professions and other organizations. Specifically, the department seeks to (1) acquaint students with the common body of knowledge needed for an entry-level position in their field of study; (2) improve the skills of students in the areas of problem solving, communication, and knowledge of related technology; (3) offer students an opportunity to enrich their knowledge through scholarly programs, including global issues, and (4) provide social service programs and activities to members of the community.

The Bachelor of Science degree is awarded to those students who complete the 125 semester hours program in marketing and who meet the university and College of Business graduation requirements. Students are encouraged to see their advisor for specific elective courses that will be helpful in their career goals. A minor is available to students completing 18 required semester hours in marketing.

## CURRICULUM IN MARKETING

### FRESHMAN YEAR

*BSS 101-Freshman Seminar.....	2
CIS 115-Introduction to Computers.....	3
ENG 101-Freshman Composition.....	3

## UNDERGRADUATE PROGRAMS

ENG 102-Freshman Composition .....	3
GB 150-Fundamentals of Business .....	3
HED 100-First Aid .....	1
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
PE Activity .....	2
SCI Electives (BIOL 103 and 104 + Labs and SCI 101 + Lab).....	12
Total .....	35

### SOPHOMORE YEAR

ACCT 201-Financial Acct Prin and Concepts .....	3
ACCT 202-Managerial Accounting .....	3
ART ELECTIVE-(ART 105, ART 210, or MUS 219).....	3
ECON 201-Macro Economics .....	3
ECON 202-Micro Economics .....	3
ENG 207-Introduction to Technical Writing or Introduction to Foreign Language .....	3
ENG 213-Advanced Composition .....	3
GB 202-Applied Quantitative Methods in Bus.....	3
GET 300-Rising Junior Examination .....	0
HIST 101-History of Civilization .....	3
PSY 200-Gen Psy or PS 201-Amer. Nat'l Gov't .....	3
SOC 201-Introduction to Sociology.....	3
ST 212-Public Speaking.....	3
Total .....	36

### JUNIOR YEAR

CIS 215-Information Systems .....	3
FIN 301-Business Finance .....	3
GB 301-Business Law.....	3
GB 304-Business Communication .....	3
GB 351-Business Statistics I.....	3
HIST 201-American National Multicultural History .....	3
MAN 301-Management Principles & Policies .....	3
MKT 301-Principles of Marketing .....	3
MKT 312-Consumer Behavior.....	3
Total .....	27

### SENIOR YEAR

GB 352-Business Statistics II.....	3
MAN 420-Strategic Management.....	3
MKT 309-Introduction to Selling.....	3
MKT 380-Marketing Research .....	3
MKT 410-Marketing Management.....	3
MKT ELECTIVES .....	12
Total .....	27

TOTAL 125



# UNDERGRADUATE PROGRAMS

## COLLEGE OF EDUCATION

### MISSION STATEMENT AND CONCEPTUAL FRAMEWORK

Grambling State University's mission has encompassed life-long learning and empowerment of learners through education for over one hundred years. Consistent with the university's mission, the College of Education is committed to excellence in teaching, scholarship, service, and professional development. The purpose of the college is to effect quality teaching and learning in preschool, elementary, secondary, and non-school settings through the preparation of teachers and administrators as educational leaders. The College of Education is committed to developing and empowering all learners to function in a diverse, rapidly changing global society.

The Conceptual Framework of the College of Education is an outgrowth of the missions of the university, the college, and its related departments. The strands of the Conceptual Framework articulate the goals summarized in our mantra: Protecting the Heritage: Cultivating knowledgeable, skilled, and compassionate educators and community leaders in "The Place Where Everybody Is Somebody."

The following are program outcomes articulated in the Conceptual Framework:

#### **Masters of Subject Matter Content (Knowledge)**

- Have a broad knowledge of content that underlies professional competencies.
- Have a broad knowledge of best pedagogical practices for use in the instructional process.
- Know diverse strategies for interrelating disciplines in the instructional process.
- Can identify technology infusion strategies for diverse populations.
- Recognize elements of effective lesson planning procedures and delivery strategies.
- Are knowledgeable of appropriate and multiples measures of assessment.
- Understand the value of reflective practices, knowledge inquiry, and critical thinking behaviors.
- Can identify personal, professional, and curricular values.

#### **Facilitators of Learning (Skills)**

- Demonstrate the effective delivery of standards-based instruction.
- Create and maintain effective management strategies (organization of time, space, resources, and activities).
- Devise activities that promote active involvement, critical/creative thinking, and problem solving skills for all students.
- Demonstrate the use of diverse experiences that incorporate the underlying philosophy of education that is multicultural across the curriculum.
- Perform strategies that incorporate literacy learning across the curriculum.
- Apply strategies that accommodate diverse learner needs by selecting and using appropriate resources.
- Analyze research that relates to strategies for promoting effective teaching and learning and life-long learning in a global society.
- Commit to the continuing development of life-long learning in a global society.
- Relate knowledge of educational theorists to planning, les-

son delivery, and classroom management.

- Demonstrate an awareness of the social, cultural, political, economic and comparative context of schools and learners.
- Utilize technology in planning and presenting lessons, research, and professional development.

#### **Enhancers and Nurturers of Affective Behaviors (Dispositions)**

- Display positive self-concept development and respect for others.
- Practice a positive attitude and mutual respect toward students, parents, and colleagues.
- Display sensitivity to diverse learning styles and multiple intelligences.
- Demonstrate sensitivity to the many facets of diversity.
- Organize school, family, and community partnerships
- Influence the development of healthy, mental, physical and social lifestyles.
- Display a commitment to the improvement of student learning and school improvement.
- Display a classroom climate that is conducive to learning.

#### **Catalysts for change (Change Agent)**

- Facilitators for school improvement
- Implementors of best practices
- Skilled action researchers
- Translators of research findings
- Implementors of reading specific to content area
- Advocates for literacy and numeracy across the curriculum

## ORGANIZATION

The College of Education comprises three academic departments:

- **Educational Leadership**
- **Kinesiology, Sport, and Leisure Studies and**
- **Teacher Education**

Six auxiliary service units add support through research, community service, program development, consultation, technical assistance and professional service. These units include the following:

- **The University Laboratory Schools (K-12)**
- **The Educational Resource Center**
- **The Office of Professional Laboratory Experiences**
- **The Centralized Advisement, Referral and Evaluation (CARE) Center**
- **The Academic Skills Center**
- **The University Nursery School (PK)**

And any additional requirements specified by state mandates.

## DEGREE PROGRAMS

### **Bachelor of Arts or Science**

- Art Education
- English Education (Grades 6-12)
- French Education  
Grades PK-3  
Grades 1-5
- Kinesiology (Pedagogy)
- Industrial Arts Education (Grades 6-12)
- Leisure Studies
- Middle Grades Education  
(English/Language Arts and Math)
- Music Education
  - Instrumental
  - Vocal
- Biology Education (Grades 6-12)

# UNDERGRADUATE PROGRAMS

- Mathematics Education (Grades 6-12)
- Physics Education (Grades 6-12)
- Social Studies Education (Grades 6-12)
- Special Education
  - Mild/Moderate Elementary Dual
  - Mild/Moderate Secondary
  - Pre Non-Cat. Early Childhood Dual

Programs in art, French, music and kinesiology provide for certification at all levels (K-12). Candidates are certified to teach nursery-kindergarten and grades 1-3; grades 1-5 candidates are certified to teach six grade levels and grades 6-12 candidates will teach these grade levels in the content specific areas.

## ALTERNATE CERTIFICATION PROGRAM

### Practitioner Teacher

- Grades 1-6
- Special Education (Mild/Moderate) 1-12

## ADMISSION REQUIREMENTS

All teacher candidates, regardless of their date of admission to the university, must meet degree requirements for admission based upon the program in place at the time of admission to a degree program. Candidates are admitted to the college each semester.

### 1.0 Admission to the College of Education (COE)

- 1.1 Those candidates who have completed the required hours of core courses and a minimum of 2.0 overall grade point average are eligible for admission to the college. All candidates must complete an application for admission before final approval is granted.
- 1.2 Transfer Students:
  - 1.2.1 Candidate must complete appropriate application form.
  - 1.2.2 Candidate must have a 2.0 GPA on all grades earned.
  - 1.2.3 Candidate must have a total of 22-24 or more acceptable credit hours as shown on the transcript.

Candidates transferring in with 30 hours or more will not be required to take BSS 101-Freshman Seminar.

### 2.0 Unconditional Admission to A Non-Teaching Degree Program

- 2.1 Candidate must complete appropriate application.
- 2.2 Candidate must have been granted admission to the COE.
- 2.3 Candidate must have a minimum 2.0 cumulative grade-point average.
- 2.4 Candidate must appear before and receive acceptance from a departmental screening committee.

### 3.0 Unconditional Admission to a Teaching Degree Program

- 3.1 Candidate must have been granted admission to the COE.
- 3.2 Candidate must have a minimum 2.5 grade point average.
- 3.3 Candidate must have taken and passed the Communication Skills Module or the Reading and Writing Component of PRAXIS I Exam and the General Knowledge Module or the Mathematics Component of PRAXIS I.
- 3.4 Candidate must appear before and receive acceptance from a departmental screening committee.

### 4.0 Conditional Admission

A candidate who has been admitted to the COE may be granted conditional admission to a teaching or non-teaching degree program based upon the following:

- 4.1 A non-teaching degree program (complete 3.1 through 3.3 above). Students transferring in at the junior level will be granted one semester grace period before the Proficiency Exam requirement will be enforced. During this semester, candidates will be allowed to enroll in those 300-400 level courses for which advanced standing is not required.
- 4.2 A teaching degree program (complete 3.1 and 3.2 above).
  - 4.2.1 Candidate must have a 2.5 GPA (minimum).
  - 4.2.2 Candidate must have an official Communication Skills and a General Knowledge Test or Reading, Writing & Mathematics Praxis Exams scores on file and must have passed two of the above modules and the other score must fall within five points of the required score.
- 4.3 All candidates must meet the unconditional admission requirements before being admitted to Advanced Standing.

### Note: Special Requirements of Teacher Education Candidates

- All secondary teacher education candidates (grades 6-12) must complete a minimum of 31 semester hours in the primary teaching focus area and a minimum of 19 semester hours in the secondary teaching focus area. Candidates must pass the speciality area PRAXIS II Exams for both the primary and secondary teaching focus area.
- All secondary teacher education candidates must be duly advised in both the Department of Teacher Education and in their selected content area.
- All teacher education candidates must pass special requirements associated with specific courses.
- All teacher education candidates must complete three sections of ED 201 Advisee Report prior to admission to Advanced Standing.

### 5.0 Admission to Advanced Standing (Teacher Majors Only)

- 5.1 Candidate must complete appropriate application.
- 5.2 Grade point averages required
  - 5.2.1 Teaching candidates must have a minimum 2.5 GPA.
- 5.3 Student must have completed all required freshman and sophomore level courses.
- 5.4 Student must have earned a grade of "C" or above in all core and specialized courses and in each English and Mathematics course.
- 5.5 Student must show evidence of satisfactory performance on all required examinations, such as PRAXIS exams.
- 5.6 Candidate must remove all academic deficiencies.
- 5.7 Teaching candidates must have completed 40 hours of observation/participation.

### 6.0 Admission to Advanced Methods (Teaching Candidates Only)

- 6.1 Candidate must have been admitted to Advanced Standing.
- 6.2 Candidate must complete appropriate application.
- 6.3 Candidate must have a minimum 2.5 GPA.
- 6.4 Candidate must have completed the following

# UNDERGRADUATE PROGRAMS

courses: ED 162, 200, 300 and at least one reading course.

6.5 Candidate must show evidence of satisfactory performance on all required examinations such as PRAXIS exams.

6.6 Candidate must have maintained a grade of "C" in each English and Mathematics courses; and professional education and specialized academic courses.

## 7.0 Admission to Student Teaching/Field Work

7.1 Teaching candidates must have completed all required coursework.

**NOTE:** Candidate may enroll in no more than three semester hours concurrently with student teaching or field work. Exception: in rare circumstances, additional hours may be allowed (no more than three), if they are the only hours needed for graduation and if student can justify need, and if the candidates' past performance indicates that he/she can successfully complete a total of two courses along with student teaching. This must be approved by Department Head of Teacher Education.

7.2 Candidate must complete appropriate application.

7.3 Grade Point Average

- Teaching candidates must have a minimum GPA of 2.5.

7.4 Coursework hours completed

- Teaching candidates must have completed a minimum of 180 hours of observation/ participation.

7.5 Candidate must have been admitted to Advanced Standing.

7.6 Candidate must show evidence of satisfactory performance on all required examinations such as PRAXIS exams.

7.7 Candidate must have earned a grade of "C" or above in all specialized and professional education courses and all English and Mathematics courses taken.

**NOTE: Final approval for admission to Advanced Methods and Student Teaching must be granted by the Department Head of Teacher Education.**

## OBSERVATION-PARTICIPATION REQUIREMENTS

### (Teaching Candidates Only)

The Observation-Participation Program is designed to give all teacher education candidates practical experiences in the field prior to student teaching. These experiences will:

- afford candidates access to basic understanding about the process of teaching and learning;
- enhance understanding of the relationships among the theories found in books and university curricula, and actual classroom situations; and
- provide sufficient information to candidates for making appropriate personal career decisions early during their academic pursuits.

## REQUIREMENTS FOR GRADUATION

### (Non-Teaching Candidates)

1. Satisfactory completion of an approved program of study with an overall grade point average of 2.0.
2. Completion of the final year (minimum of 24 semester hours) in residence at Grambling State University, including practicum, internship or field work.
3. Evidence of proficiency in oral and written communication.

4. Demonstration of character and personal traits that will reflect credit upon the chosen profession.

5. Satisfactory performance on required exit examination, including a comprehensive exam.

### (Teaching Candidates)

1. Satisfactory completion of an approved teaching program with an overall grade point average of 2.5.

2. Completion of a primary and secondary teaching focus area.

3. Completion of the final year (minimum of 24 semester hours) in residence at Grambling State University, including the advanced methods courses and student teaching or practicum.

4. Proficiency in oral and written communication.

5. Demonstration of character and personal traits that will reflect credit upon the chosen profession.

6. Satisfactory performance on required exit examinations, and a passing score on all appropriate parts of the NTE PRAXIS I and II Exams.

7. Completion of a minimum of three semesters of Academic Advisement (ED 201) - Advisee Report

**Note: Candidates making an application for a teacher's certificate must also complete and sign a professional conduct form.**

## DEPARTMENT OF TEACHER EDUCATION

**NOTE: Program requirements are subject to change based on state and national mandates. Therefore, candidates enrolled in degree programs may be affected by such changes pending their graduation date.**

The major purpose of the Department of Teacher Education is to produce teachers, including masters level teachers and other school personnel, who demonstrate competency in their respective teaching areas; exhibit characteristics of reflective practitioners, inquirers of research and best practices informed decision-makers; advocates of children and who are accountable to themselves, their children and to the profession. Each of the programs offered at the baccalaureate level in Teacher Education leads to initial licensure (certification) as a teacher in the respective field.

The Bachelor of Arts or Science degrees are awarded to candidates who successfully complete one of the following programs:

- Art Education
- English Education Grades 6-12
- French Education  
Grades PK-3  
Grades 1-5
- Kinesiology (Pedagogy)
- Industrial Arts Education (Grades 6-12)
- Middle Grades Education  
(English/Language Arts and Math)
- Music Education
  - Instrumental
  - Vocal
- Biology Education (Grades 6-12)
- Mathematics Education (Grades 6-12)
- Physics Education (Grades 6-12)
- Social Studies Education
- Special Education
  - Mild/Moderate Elementary Dual
  - Mild/Moderate Secondary
  - Pre Non-Cat. Early Childhood Dual

# UNDERGRADUATE PROGRAMS

Being admitted to a teacher education program is a multi-step process. Candidates must first be admitted to the College of Education and then to the teacher education degree program of their choice. Admission to a teacher education degree program requires having a 2.5 grade-point average and passing scores on the Communication Skills and General Knowledge or PRAXIS I (Reading, Writing, and mathematics) modules of the National Teacher Examinations or passing scores on the Reading, Writing & Mathematics Praxis Exams. Candidates must apply for admission to a teacher education program and be interviewed by faculty before being admitted to a degree program and before enrolling in upper division courses in professional education (i.e., courses numbered ED 300 and above). Candidates must also meet special requirements before being allowed to enroll in Advanced Methods courses (ED 452/453/456) and in Student Teaching (ED 455).

## ALTERNATE CERTIFICATION PROGRAM

### Practitioner Teacher

Grades 1-6

Special Education (Mild/Moderate) 1-12

## CURRICULUM FOR TEACHER CANDIDATES FOR GRADES PK-3

A Bachelor of Science degree in grades PK-3 is awarded to teacher candidates who complete the 127 hour program outlined below in general, specialized and professional education. The programs lead to initial teacher licensure (certification) for grades PK-3. Candidates must check with their academic advisor for all updated curriculum changes required by the state and national accreditation bodies that may reflect existing requirements.

### FRESHMAN YEAR (Including Summer Session)

ART 210-Intro. to Fine & Perf. Arts.....	3
BIOL 103-Principles of Biology .....	3
BIOL 104-Prin. of Biology or I.....	3
*BSS 101-Freshman Seminar.....	2
ED 215-Intro. to Early Childhood Education.....	3
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
FN 205 – Nutrition for Children.....	3
HED 100-First-Aid.....	1
HIST 201-American Nat'l Multi Hist.....	3
MATH 131-College Algebra .....	3
MATH 132-Trigonometry.....	3
PE Activity.....	1
Total.....	34

### SOPHOMORE YEAR (Including Summer Session)

ART 402-Teaching Young Children Through the Arts.....	3
ECON 201-Principles of Economics.....	3
ED 200-Human Growth or ED 202 Child Psychology.....	3
ED 216-Methods in Curr. and Mat. in ECE.....	3
ED 217-Reading Lang. Arts in ECE.....	3
ED 300-Educational Psychology.....	3
ED 312-Intro. to Education of Except. Child.....	3
ENG 213-Advanced Comp. ....	3
ENG 310-Traditional Advanced Gram. ....	3
MATH 137-Elementary Geometry.....	3
SCI 101-Physical Science Survey I.....	3
ST 208-Speech Arts or ST 212-Fund. of Public Speaking.....	3
Total.....	36

### JUNIOR YEAR

#### (Including Summer Session)

ED 302-Meth. & Mat in Elem. Math.....	3
ED 304-Children's Literature.....	3
ED 316-Early Childhood ED Seminar.....	3
ED 317-Multicultural Education.....	3
ED 325-Read. in the Elem. School.....	3
ED 328-Diagnosis and Evaluation.....	3
ED 402-Instructional Tech. Integration.....	3
ED 450-Practicum in ECE.....	4
GET 300-Rising Junior Exam.....	0
HIST 322-Louisiana History.....	3
KNES 301-Meth. & Mat. in Elem. PE.....	2
STAT 273-Probability and Statistics I.....	3
Total.....	33

### SENIOR

ED 305-Strategies for Teaching Elem. Math.....	3
ED 427-Classroom Management.....	3
ED 431-Read. Diagnosis and Correction.....	3
ED 452-Seminar: Advanced Teaching Meth.....	6
ED 455-Student Teaching.....	9
Total.....	24
TOTAL.....	127

## CURRICULUM FOR TEACHER CANDIDATES FOR GRADES 1-5

A Bachelor of Science degree in grades 1-5 is awarded to teacher candidates who complete the 128 hour program outlined below in general, specialized and professional education. The programs lead to initial teacher licensure (certification) for grades 1-5. Candidates must check with their academic advisor for all updated curriculum changes required by the state and national accreditation bodies that may reflect existing requirements.

Note: At the time of print, the revised curriculum in Special Education had not been approved. Therefore, candidates must check with their academic advisor for updated curricula changes required by the state and national accreditation bodies that may reflect existing requirements.

### FRESHMAN YEAR (Including Summer Session)

ART 210-Intro. to Fine and Performing Arts.....	3
BIOL 103-Principles of Biology .....	3
BIOL 104-Prin. of Biology .....	3
*BSS 101-Freshman Seminar.....	2
ED 162-Introduction to Teaching.....	3
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
HED 100-First-Aid.....	1
HIST 101-History of Civilization.....	3
HIST 201-American History.....	3
MATH 131-College Algebra .....	3
MATH 132-Trigonometry.....	3
Total.....	33

### SOPHOMORE YEAR (Including Summer Session)

ECON 201-Principles of Economics.....	3
ED 200-Human Growth and Dev. or ED 202 Child Psychology.....	3
ED 300-Educational Psychology.....	3
ED 303-Reading Introduction and Survey.....	3
ED 312-Intro. to Educ. Except. Children.....	3
ENG 213-Advanced Composition.....	3
GET 300-Rising Junior Exam.....	0

UNDERGRADUATE PROGRAMS

# UNDERGRADUATE PROGRAMS

MATH 137-Elementary Geometry.....	3
MATH 313-Modern Math-Elem. Teachers.....	3
SCI 101-Physical Science Survey.....	3
SCI 102-Physical Science Survey.....	3
SCI 103-Physical Science Survey (Lab).....	1
SCI 104-Physical Science Survey (Lab).....	1
ST 208-Speech Arts or ST 212 Fund. of Pub. Speaking.....	3
Total.....	35

## JUNIOR YEAR (Including Summer Session)

ART 402-Teaching Young Child Through the Arts.....	3
ED 302-Meth. & Mat. in Elem. Math.....	3
ED 304-Children's Literature.....	3
ED 317-Multicultural Education.....	3
ED 325-Reading in the Elem. School.....	3
ED 328-Diagnosis and Evaluation.....	3
ED 402-Instructional Computing and Media.....	3
GEOG 201-Cultural Geography.....	3
HIST 322-Louisiana History.....	3
KNES 301-Meth. and Mat. in Elem. PE.....	2
STAT 273-Probability and Statistics.....	3
Total.....	32

## SENIOR YEAR

ED 305-Strategies for Teaching Elem. Math.....	3
ED 427-Classroom Management.....	3
ED 431-Read. Diagnosis and Correction.....	3
ED 452-Advanced Teaching Methods.....	6
ED 455-Student Teaching.....	9
ENG 310-Advanced Trad. Grammar and Tutorial.....	3
Total.....	27

TOTAL.....128

## CURRICULUM IN SPECIAL EDUCATION

The Bachelor of Science degree with a major in special education is awarded to candidates who complete a program of choice as outlined below in general, specialized academic and professional education. The programs lead to initial teacher licensure (certification) in mild/moderate. Candidates may select a concentration in one of three areas: special education mild/moderate elementary (dual); special education mild/moderate: secondary and special education non-categorical early childhood (dual). Candidates must check with their academic advisor for updated curriculum changes required by state and national accreditation bodies that may affect existing requirements.

### OPTION 1: MILD/MODERATE ELEMENTARY (DUAL)

#### FRESHMAN YEAR (Including Summer Session)

BIOL 103-Principles of Biology.....	4
BIOL 104-Prin. of Biology or SCI 102-Physical Sci. Survey II.....	4
*BSS 101-Freshman Seminar.....	2
ED 162-Introduction to Teaching.....	3
ED 202-Child Psychology.....	3
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
GEOG 201-Cultural Geography.....	3
HED or PE Activity.....	2
MATH 131-College Math for Non-Sci Majors.....	3
Total.....	30

#### SOPHOMORE YEAR (Including Summer Session)

ART 210-Introduction to Fine and Performing Art.....	3
ECON 201-Principles of Economics.....	3
ED 325-Read. in the Elementary School.....	3
ENG 213-Advanced Composition.....	3
ENG 310-Traditional Advanced Grammar.....	3
GET 300-Rising Jr. Exam.....	0
HED 100-First-Aid or HED 102-Adv. First Aid.....	1-2
HIST 201-American Nat'l Multicultural History (1877).....	3
MATH 132-Trigonometry or MATH 137-Elementary Geometry or MATH 313-Mod. Math. for Elementary Teachers.....	3
SCI 101-Physical Science Survey I.....	4
Total.....	26-27

#### JUNIOR YEAR (Including Summer Session)

ED 300-Educational Psychology.....	4
ED 303-Reading: Intro & Survey.....	3
ED 317-Multicultural Education.....	3
ED 427-Classroom Management.....	3
ED 431-Reading Diagnosis and Correction.....	3
HIST 101-History of Civilization.....	3
ST 208-Speech Arts or ST 212-Fund. of Public Speaking.....	3
Total.....	22

#### SENIOR YEAR

ED 402-Instructional Computing and Media.....	3
ED 452-Advanced Teaching Methods.....	6
ED 455-Student Teaching.....	9
Total.....	18

The remaining hours will be selected from the option/ concentration below:

ART 402-Teaching Arts to Children and Adolescent.....	3
ED 312-Intro to Ed. of Except. Child.....	3
ED 328-Diagnosis and Evaluation.....	3
ED 330-Practicum: Mental Tests and Measurements.....	3
ED 332-Behavior. Approach. & Assess. Mat. for Mild/Mod.....	3
ED 333-Humanistic Approach. to Child. Mgt.....	3
ED 437-Mainstreaming Practicum.....	3
ED 442-Meth. and Materials for the Mild/Mod.....	3
ED 470-Career Education.....	3
HIST 322-Louisiana History.....	3
HP 303-Meth. and Materials in Elem. Health Ed.....	3
KNES 301-Meth. and Materials in Elem. Physical Ed.....	2
Total.....	35

TOTAL.....131

### OPTION 2: MILD/MODERATE SECONDARY

#### FRESHMAN YEAR (Including Summer Session)

BIOL 103-Principles of Biology.....	4
BIOL 104-Prin. of Biology or SCI 102-Physical Sci. Survey II.....	4
*BSS 101-Freshman Seminar.....	2
ED 162-Introduction to Teaching.....	3
ED 200 Human Growth & Develop.....	3
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
GEOG 201-Cultural Geography.....	3
HED or PE Activity.....	2
MATH 131-College Math for Non-Sci Majors.....	3
PE Activity.....	3
Total.....	33

# UNDERGRADUATE PROGRAMS

**SOPHOMORE YEAR  
(Including Summer Session)**

ART 210-Introduction to Fine and Performing Art .....	3
ECON 201-Principles of Economics .....	3
ED 325-Read. in the Elementary School or ED 322-Reading in the Jr.-Sr. High School .....	3
ENG 213-Advanced Composition .....	3
ENG 310-Traditional Advanced Grammar .....	3
GET 300-Rising Jr. Exam .....	0
HED 100-First-Aid or HED 102-Adv. First Aid .....	1-2
HIST 201-American Nat'l Multicultural History (1877) .....	3
MATH 132-Trigonometry or MATH 137- Elementary Geometry or MATH 313- Mod. Math. for Elementary Teachers .....	3
SCI 101-Physical Science Survey I .....	4
Total .....	26-27

**JUNIOR YEAR  
(Including Summer Session)**

ED 300-Educational Psychology.....	4
ED 303-Reading: Intro & Survey .....	3
ED 317-Multicultural Education.....	3
ED 427-Classroom Management.....	3
ED 431-Reading Diagnosis and Correction.....	3
HIST 101-History of Civilization .....	3
ST 208-Speech Arts or ST 212- Fund. of Public Speaking.....	3
Total .....	22

**SENIOR YEAR**

ED 402-Instructional Computing and Media .....	3
ED 452-Advanced Teaching Methods .....	6
ED 455-Student Teaching .....	9
Total.....	18

The remaining hours will be selected from the option/concentration below:

ED 312-Intro. to Ed. of Except. Child or ED 326- Intro to Education of Mild/Moderate .....	3
ED 328-Diagnosis and Evaluation .....	3
ED 330-Practicum: Mental Tests and Measurements .....	3
ED 331-Meth. of Design. & Assess. Mat. for Mild/Mod .....	3
ED 332-Behavior. Approach. & Assess. Mat. for Mild/Mod .....	3
ED 333-Humanistic Approach. to Child. Mgt. .....	3
ED 437-Mainstreaming Practicum .....	3
ED 442-Meth. and Materials for the Mild/Mod. ....	3
ED 470-Career Education.....	3
Total.....	27
TOTAL .....	126

**OPTION 3: NON-CATEGORICAL EARLY CHILDHOOD  
(DUAL)**

**FRESHMAN YEAR  
(Including Summer Session)**

BIOL 103-Principles of Biology .....	4
BIOL 104-Prin. of Biology or SCI 102-Physical Sci. Survey II.....	4
*BSS 101-Freshman Seminar.....	2
ED 162-Introduction to Teaching .....	3
ED 202-Child Psychology. ....	3
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
GEOG 201-Cultural Geography.....	3
HED or PE Activity .....	2
MATH 131-College Math for Non-Sci Majors .....	3
Total.....	33

**SOPHOMORE YEAR  
(Including Summer Session)**

ART 210-Introduction to Fine and Performing Art .....	3
ECON 201-Principles of Economics .....	3
ED 325-Read. in the Elementary School .....	3
ENG 213-Advanced Composition.....	3
ENG 310-Traditional Advanced Grammar .....	3
GET 300-Rising Jr. Exam .....	0
HED 100-First-Aid or HED 102-Adv. First Aid .....	1-2
HIST 201-American Nat'l Multicultural History (1877) .....	3
MATH 132-Trigonometry or MATH 137- Elementary Geometry or MATH 313-Mod. Math. for Elementary Teachers .....	3
SCI 101-Physical Science Survey I .....	4
Total .....	26-27

**JUNIOR YEAR  
(Including Summer Session)**

ED 300-Educational Psychology.....	4
ED 303-Reading: Intro & Survey .....	3
ED 317-Multicultural Education.....	3
ED 427-Classroom Management.....	3
ED 431-Reading Diagnosis and Correction.....	3
HIST 101-History of Civilization .....	3
ST 208-Speech Arts or ST 212- Fund. of Public Speaking.....	3
Total .....	22

**SENIOR YEAR**

ED 402-Instructional Computing and Media .....	3
ED 452-Advanced Teaching Methods .....	6
ED 455-Student Teaching .....	9
Total.....	18

The remaining hours will be selected from the option/concentration below:

CDFR 300-Child Development .....	3
CDFR 304-Curric. Activities & Mat. in Child. Develop. ....	3
ED 205-Ed. of the Preschool Child w/Spec. Needs .....	3
ED 221-Literature in ECE .....	3
ED 313-Curricula, Meth/Mat. for Young Child. w/Spec. Needs.....	3
ED 319-Community Resources for Hand. Child .....	3
ED 324-Families of Young Child. w/Spec. Needs.....	3
ED 334-Assessment/Evaluation of Child. w/Disabilities .....	3
ED 432-Language Disabilities of Hand. Child .....	3
ED 438-Physical & Medical Mgt. of Young Child.....	3
ED 217-Reading—Lang. Arts in ECE .....	3
FN 205-Nutrition for Children.....	3
Total.....	36

TOTAL .....

**CURRICULUM IN ART EDUCATION**

The Bachelor of Science degree with a major in art education is awarded to candidates who complete the 127 hour program outlined below in general, specialized academic and professional education areas. The program leads to initial teacher licensure (certification) for grades 1-12. Candidates must check with their academic advisor for updated curriculum changes required by state and national accreditation bodies that may affect existing requirements.

**FRESHMAN YEAR**

ART 101-Drawing I .....	3
ART 102-Drawing II .....	3
ART 103-Basic Design.....	3
ART 104-Color Theory .....	3
BIOL 103-Principles of Biology .....	3

UNDERGRADUATE PROGRAMS

# UNDERGRADUATE PROGRAMS

*BSS 101 or HON 110H-Fresh. Seminar.....	2
ED 162-Intro. to Teaching .....	3
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
*HED 100-First Aid.....	1
MATH 131-College Algebra .....	3
MATH 132-Trigonometry.....	3
PE Activity – PE Elective .....	1
Total.....	34

## SOPHOMORE YEAR

ART 207-Painting I.....	3
ART 215-Art Histgory I.....	3
ART 216-Art History II.....	3
ART 217-3-D Design.....	3
BIOL 104-Principles of Biology II .....	3
CHEM 101-Environmental Chemistry.....	3
ECON 201-Principles of Economics.....	3
ED 200-Human Growth & Development.....	3
ENG 213-Advanced Composition.....	3
HIST 201-American National Multicultural History 1817.....	3
GET 300-Rising Junior Exam .....	0
ST 208-Speech Arts.....	3
Total.....	33

## JUNIOR YEAR

ART 309-Ceramics I .....	3
ART 310-Ceramics II .....	3
ART 319-Art Printmaking I.....	3
ART 322-Intro. to Digital Art.....	3
ART 326-Painting II.....	3
ART 409-Art History III or ART 412-African American Art.....	3
ED 300-Educational Psychology .....	3
ED 303-Reading: Intro. & Survey .....	3
ED 312-Education of Except. Children .....	3
ED 317-Multicultural Education.....	3
ED 328-Diagnosis and Evaluation.....	3
ED 402-Instructional Technology Integration.....	3
Total.....	36

## SENIOR YEAR

ART 402- Teaching the Arts to Children & Adolescents .....	3
ART 414-Curr. Develop. Methods of Art .....	3
ART 422-Senior Exhibition.....	3
ED 427-Classroom Management.....	3
ED 453-Advanced Teaching Methods II .....	3
ED 455-Student Teaching .....	9
Total.....	24
TOTAL .....	127

## CURRICULUM IN ENGLISH EDUCATION

The Bachelor of Arts degree with a major in English education is awarded to candidates who complete the 127 hour program outlined below in general, specialized academic and professional education areas. The program leads to initial teacher licensure (certification) at the secondary level. Candidates must check with their academic advisor for updated curriculum changes required by state and national accreditation bodies that may affect existing requirements.

### FRESHMAN YEAR (Including Summer Session)

ART 210-Intro. to Fine and Perf. Art.....	3
BIOL 103-Prin. of Biology .....	3
BIOL 104-Prin. of Biology .....	3
*BSS 101-Freshman Seminar.....	2

ED 162-Introduction to Teaching .....	3
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
HED 100-First-Aid.....	1
HIST 101-History of Western Civilization.....	3
HIST 201-American Nat'l Multicultural History.....	3
MATH 131-College Algebra .....	3
MATH 132-Trigonometry.....	3
PE Activity .....	1
Total.....	34

### SOPHOMORE YEAR (Including Summer Session)

ED 204-Adolescent Psychology or ED 204-Human Growth & Development.....	3
ED 300-Educational Psychology.....	3
ED 322-Reading in Jr. and Sr. High.....	3
ENG 213-Advanced Composition.....	3
ENG 301-History and Survey of English Lit.....	3
ENG 315-Adolescent Literature .....	3
ENG 408-Literary Criticism .....	3
GET 300-Rising Junior Exam .....	0
SCI 101-Physical Science.....	3
SOC 201-Introd. to Sociology.....	3
ST 208-Speech Arts or ST 212-Fund. of Public Speaking .....	3
Total.....	30

### JUNIOR YEAR (Including Summer Session)

ECON 201-Principles of Economics .....	3
ED 312-Introd. to Educ. of Except. Children.....	3
ED 317-Multicultural Education.....	3
ED 328-Diagnosis and Evaluation .....	3
ENG 303-World Literature .....	3
ENG 310-Advanced Traditional Grammar.....	3
ENG 401-History and Survey of American Lit. I or ENG 402-History of American Lit. II.....	3
ENG 455-Methods of Teaching English.....	3
GEOG 201-Cultural Geography.....	3
HIST 322-Louisiana History.....	3
PS 201-American Government.....	3
PS 300-State &Local Government.....	3
Total.....	36

### SENIOR YEAR

ED 402-Instructional Computing and Media.....	3
ED 427-Classroom Management.....	3
ED 453-Advanced Methods II.....	6
ED 455-Student Teaching .....	3
ENG 407-History of English Lang.....	3
ENG 450-Linguistics and Language .....	3
ENG 454-Women's Literature .....	3
Total.....	2
TOTAL .....	127

## CURRICULUM IN FRENCH EDUCATION

The Bachelor of Science degree with a major in French Education is awarded to candidates who complete the 126 hour program outlined below in general, specialized academic and professional education areas. The program leads to initial teacher licensure (certification) for grades 1-12. Candidates must check with their academic advisor for updated curriculum changes required by state and national accreditation bodies that may affect existing requirements.

# UNDERGRADUATE PROGRAMS

**FRESHMAN YEAR**  
**(Including Summer Session)**

ART 210-Intro. to Fine & Perf. Arts .....	3
BIOL 103-Principles of Biology .....	3
BIOL 104-Principles of Biology .....	3
*BSS 101-Freshman Seminar .....	2
ECON 201-Principles of Economics .....	3
ED 162-Introduction to Teaching .....	3
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
HIST 201-Multicultural History.....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
SCI 101-Physical Science Survey .....	3
Total .....	35

**SOPHOMORE YEAR**  
**(Including Summer Session)**

ED 200-Human Growth and Development .....	3
ED 204-Adolescent Psychology .....	3
ED 322-Reading in Jr. and Sr. High.....	3
ENG 303-World Literature.....	3
FREN 101-Elementary French.....	3
FREN 102-Elementary French.....	3
FREN 201-Intermediate French.....	3
FREN 301-French Conversation/Composition or FREN 302-French Composition .....	3
GET 300-Rising Junior Exam.....	0
HED 100-First-Aid .....	1
PE Activity .....	1
ST 212-Fund. of Public Speaking .....	3
Total .....	29

**JUNIOR YEAR**  
**(Including Summer Session)**

ED 300-Educational Psychology .....	3
ED 312-Intro. To Educ. of Exceptional Children .....	3
ED 317-Multicultural Education.....	3
ED 328-Diagnosis and Evaluation .....	3
ED 402-Instructional Technology Integration .....	3
ENG 310-Traditional Grammar .....	3
ENG 401 or 402 American Literature.....	3
FREN 202-Intermediate French.....	3
FREN 302-French Composition .....	3
FREN 303-Survey of French Literature .....	3
FREN 308-French Civilization.....	3
FREN 310-Appl. Linguistics and Methodology .....	3
Total .....	36

**SENIOR YEAR**

ED 427-Classroom Management.....	3
ED 453-Advanced Methods .....	3
ED 455-Student Teaching .....	9
ENG 450-Linguistics and Language .....	3
FREN 404-Contemporary French Lit. ....	3
FREN 405 or 406-Independent Study.....	3
FREN 470-French Phonetics .....	3
Total .....	27

TOTAL 126

**CURRICULUM IN INDUSTRIAL  
ARTS EDUCATION**

The Bachelor of Science degree with a major in industrial arts education is awarded to candidates who complete the 129 hour program outlined below in general, specialized academic and professional education areas. The program leads to initial teacher licensure (certification) at the secondary level. Candi-

dates must check with their academic advisor for updated curriculum changes required by state and national accreditation bodies that may affect existing requirements.

**FRESHMAN YEAR**  
**(Including Summer Session)**

ART 210-Intro. to Fine & Perf. Arts .....	3
BIOL 103-Principles of Biology .....	3
BIOL 105-Principles of Biology Lab. ....	1
*BSS 101-Freshman Seminar .....	
HONS 110-Freshman Seminar .....	2
ECON 201-Principles of Economics .....	3
ED 162-Introduction to Teaching.....	3
ED 200-Human Growth & Develop. or ED 204-Adolescent Psychology .....	3
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
HIST 201-Multicultural History.....	3
MATH 147-PreCalculus I.....	3
MATH 148-PreCalculus II.....	3
TE 101-Technical Graphics I.....	3
Total .....	36

**SOPHOMORE YEAR**  
**(Including Summer Session)**

ENG 213-Advanced Composition .....	3
ENG 310-Advanced Grammar .....	3
GET 300-Rising Junior Exam.....	0
HED 100-First Aid .....	1
PHYS 109-Fund. of Physics.....	3
PHYS 111-Fund. of Physics I.....	1
PHYS 110-Fund. of Physics II.....	3
PHYS 112-Fund. of Physics II Lab.....	1
ST 208-Speech Arts or ST 212-Fund. of Public Speaking .....	3
TE 102-Technical Graphics II.....	3
TE 103-Principles of Electrical Circuits I.....	3
TE 105-Intro. to Technology Education.....	2
TE 201-Woodworking I.....	3
TE 202-Woodworking II.....	3
Total .....	32

**JUNIOR YEAR**  
**(Including Summer Session)**

ED 312-Intro. to Educ. of Exceptional Children .....	3
ED 317-Multicultural Education.....	3
ED 328-Diagnosis and Evaluation .....	3
ENG 303-World Literature.....	3
ENG 401-Hist/Survey of American Lit. I or ENG 402-Hist/Survey of American Lit. II.....	3
PE Activity .....	1
TE 300-Educational Psychology .....	3
TE 301-Fund. of Auto Systems.....	3
TE 303-Manufacturing Technology I .....	3
TE 304-Manufacturing Technology II .....	3
TE 305-Basic Concepts in Technology Ed.....	3
TE 408-Laboratory and Safety.....	3
Total .....	34

**SENIOR YEAR**

ED 322-Teaching Reading in Jr/Sr High .....	3
ED 402-Instructional Computing and Media .....	3
ED 453-Advanced Methods II .....	6
ENG 450-Linguistics and Languages.....	3
ED 427-Classroom Management.....	3
ED 455-Student Teaching .....	9
Total .....	27

TOTAL 129

UNDERGRADUATE PROGRAMS



# UNDERGRADUATE PROGRAMS

## CURRICULUM FOR TEACHER CANDIDATES FOR MIDDLE GRADES EDUCATION (ENGLISH/LANGUAGE ARTS AND MATH)

A Bachelor of Science degree in middle grades education is awarded to teacher candidates who complete the 125 hour program outlined below in general, specialized and professional education. The programs lead to initial teacher licensure (certification) for middle grades 4-8. Students must check with their academic advisor for all updated curriculum changes required by the state and national accreditation bodies that may reflect existing requirements.

### FRESHMAN YEAR (Including Summer Session)

BIOL 103-Principles of Biology	3
BIOL 104-Prin. of Biology	3
BIOL 105-Prin. of Biology (Lab)	1
*BSS 101-Freshman Seminar	2
ED 162-Introduction to Teaching	3
ENG 101-Freshman Composition	3
ENG 102-Freshman Composition	3
GEOG 201-Cultural Geography	3
HED 100-First-Aid	1
HIST 201-American History	3
MATH 137-Elementary Geometry	3
MATH 147-Pre Calculus I	3
Total	31

### SOPHOMORE YEAR (Including Summer Session)

ECON 201-Principles of Economics	3
ED 204-Adolescent Psychology	3
ENG 213-Advanced Composition	3
ENG 310-Advanced Trad. Grammar and Tutorial	3
HIST 322-Louisiana History	3
MATH 148-Pre Calculus II	3
MATH 153-Calculus I	3
SCI 101-Physical Science Survey	3
SCI 102-Physical Science Survey	3
SCI 103-Physical Science Survey (Lab)	1
SCI 104-Physical Science Survey (Lab)	1
ST 208-Speech Arts or ST 212 Fund. of Pub. Speaking	3
Total	32

### JUNIOR YEAR (Including Summer Session)

ART 402-Art for Children and Adolescents	3
ED 206-Numeracy Seminar	1
ED 207-Literacy Seminar	1
ED 300-Educational Psychology	3
ED 303-Reading: Intro & Survey	3
ED 312-Intro. to Educ. of Exceptional Children	3
ED 322-Teaching Reading in Jr/Sr High	3
ED 328-Diagnosis and Evaluation	3
ED 402-Instructional Computing and Media	3
ENG 315-Adolescent and Children's Literature	3
GET 300-Rising Junior Exam	0
MATH 273-Statistics I	3
MATH 315-Math for Middle Grades Teachers	3
SCI 330-Science Methods for Middle Grades Teachers	3
Total	35

### SENIOR YEAR

ED 317-Multicultural Education	3
ED 427-Classroom Management	3
ED 431-Read. Diagnosis and Correction	3

ED 455-Student Teaching	9
ED 456-Advanced Teaching Methods Seminar III	3
ENG 456-Methods of Teaching Middle Grades English	3
SS 402 – Middle Grades Social Studies Methods	3
Total	27

TOTAL 125

## CURRICULUM IN MUSIC EDUCATION (INSTRUMENTAL K-12)

The Bachelor of Science degree with a major in music education is awarded to candidates who complete the required program outlined in general, specialized academic and professional education areas. The program leads to initial teacher licensure (certification) at the K-12 levels. Candidates have two concentrations in music education: vocal or instrumental. In instrumental music, candidates may choose band or orchestra. The academic advisor will provide specific course options that apply to the respective options. Candidates must check with their academic advisor for updated curriculum changes required by state and national accreditation bodies that may affect existing requirements. Candidates should also note that this major requires approximately 5 (Teacher Ed states 4) years to complete.

### FRESHMAN YEAR (Including Summer Session)

BIOL 103-Principles of Biology I	3
BIOL 104-Prin. of Biology II	3
*BSS 101-Freshman Seminar	1
ENG 101-Freshman Composition	3
ENG 102-Freshman Composition	3
MATH 131-College Algebra	3
MUS 105-Piano Class	2
MUS 106-Piano Class	2
MUS 107-Woodwind Methods Class	3
MUS 111-Applied Instrument	2
MUS 112-Applied Instrument	2
MUS 115-Harmony I	3
MUS 116-Harmony II	3
MUS 125-Ear Train & Sightsing I	1
MUS 126-EarTrain & Sightsing II	1
MUS 151-Marching, Concert; MUS 152-Symphonic Band; MUS 181 or MUS 191-Symphony Orchestra	0-1
MUS 151-Marching, MUS 152-Concert; MUS-181-Symphonic Band; or MUS 191-Symphony Orchestra	0-1
Total	35

### SOPHOMORE YEAR (Including Summer Session)

ED 162-Introduction to Teaching	3
ED 200-Human Growth & Develop	3
GET 300-Rising Junior Exam	0
HIST 101-History of Western Civilization	3
MATH132-Trigonometry	3
MUS 117-String Methods	2
MUS 151-Marching, MUS 152-Concert; MUS-181-Symphonic Band; or MUS 191-Symphony Orchestra	0-1
MUS 151-Marching, MUS 152-Concert; MUS-181-Symphonic Band; or MUS 191-Symphony Orchestra	0-1
MUS 205-Piano Class	2
MUS 211-Applied Instrument	2
MUS 212-Applied Instrument	2
MUS 215-Harmony III (including counterpoint)	3
MUS 216-Harmony IV (includes Form and Analysis)	3
MUS 225-Eartraining and Sightsinging III	1
MUS 226-Eartraining and Sightsinging IV	1

# UNDERGRADUATE PROGRAMS

SCI 101-Physical Science Survey.....	3
SOC 201-Intro. to Sociology .....	3
Total .....	34

### JUNIOR YEAR (Including Summer Session)

ED 300-Educational Psychology.....	3
ED 303-Reading: Intro & Survey.....	3
ED 328-Diagnosis and Evaluation .....	3
ED 402-Instruct. Technol. Integr.....	3
ED 427-Classroom Management.....	3
ED 453-Adv. Methods .....	3
MUS 109-Percussion Methods Class .....	2
MUS 151-Marching, MUS 152-Concert; MUS-181-Symphonic Band; or MUS 191-Symphony Orchestra .....	0-1
MUS 151-Marching, MUS 152-Concert; MUS-181-Symphonic Band; or MUS 191-Symphony Orchestra .....	0-1
MUS 311-Applied Instrument .....	2
MUS 312-Applied Instrument .....	2
MUS 319-Music Appreciation.....	3
MUS 415-Music Hlstory .....	3
MUS 421-Instrumental Conducting.....	2
ST 208-Speech Arts or ST 212-Intro. to Public Speaking) .....	3
Total .....	35

### SENIOR YEAR

ED 455-Student Teaching .....	9
MUS 127-Brasswind Methods.....	3
MUS 151-Marching, MUS 152-Concert, or MUS-181-Symphonic Band.....	1
MUS 401-Music Education.....	2
MUS 411-Recital Preparation.....	2
MUS 412-Senior Recital.....	2
MUS 416-Multicultural Music Education .....	3
MUS 417-Orchestration and Arranging.....	3
MUS 425-Music Seminar .....	1
MUS 434-Computer Assist Drill Desi .....	3
Total .....	28

TOTAL 132-139

### CURRICULUM IN MUSIC EDUCATION (VOCAL K-12)

The Bachelor of Science degree with a major in music education is awarded to candidates who complete the required program outlined in general, specialized academic and professional education areas. The program leads to initial teacher licensure (certification) at the K-12 levels. Candidates have two concentrations in music education: vocal or instrumental. In instrumental music, students may choose band or orchestra. The academic advisor will provide specific course options that apply to the respective options. Candidates must check with their academic advisor for updated curriculum changes required by state and national accreditation bodies that may affect existing requirements. Candidates should also note that this major requires approximately 5 years to complete.

### FRESHMAN YEAR (Including Summer Session)

BIOL 103-Principles of Biology I .....	3
BIOL 104-Prin. of Biology II.....	3
*BSS 101-Freshman Seminar.....	1
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition .....	3
MATH 131-College Algebra.....	3
MUS 105-Piano Class.....	2
MUS 106-Piano Class.....	2
MUS 111-Applied Voice.....	2
MUS 112-Applied Voice .....	2
MUS 115-Harmony I.....	3

MUS 116-Harmony II.....	3
MUS 119-Vocal Methods I.....	1
MUS 120-Vocal Methods II .....	1
MUS 121-Choir (min. of 7 sem. req.) .....	0-1
MUS 125-Ear Train & Sightsing I.....	1
MUS 126-EarTrain & Sightsing II .....	1
PE Activity .....	0-1
Total .....	35

### SOPHOMORE YEAR (Including Summer Session)

ED 162-Introduction to Teaching.....	3
ED 200-Human Growth & Develop .....	3
GET 300-Rising Junior Exam.....	0
HIST 101-History of Western Civilization .....	3
MATH132-Trigonometry .....	3
MUS 205-Piano Class.....	2
MUS 211-Applied Voice .....	2
MUS 212-Applied Voice .....	2
MUS 215-Harmony III (including counterpart) .....	3
MUS 121-Choir .....	0-1
MUS 216-Harmony IV (includes Form and Analysis) .....	3
MUS 225-Eartraining and Sightsinging III.....	1
MUS 226-Eartraining and Sightsinging IV .....	1
SCI 101-Physical Science.....	3
SOC 201-Introduction to Sociology.....	3
ST 208-Speech Arts or ST 212-Intro. to Public Speaking) .....	3
Total .....	35

### JUNIOR YEAR (Including Summer Session)

ED 300-Educational Psychology.....	3
ED 303-Reading: Intro & Survey.....	3
ED 328-Diagnosis and Evaluation .....	3
ED 402-Instruct. Technol. Integr.....	3
ED 427-Classroom Management.....	3
ED 453-Adv. Methods .....	3
MUS 117-String Methods Class.....	2
MUS 121-Choir .....	0-1
MUS 271-Small Vocal Ensemble .....	1
MUS 311-Applied Voice .....	2
MUS 312-Applied Voice .....	2
MUS 319-Music Appreciation.....	3
MUS 331-Jazz Improvisation .....	2
MUS 415-Music Hlstory .....	3
MUS 424-Choral Conducting .....	2
Total .....	35

### SENIOR YEAR

ED 455-Student Teaching .....	9
MUS 121-Choir .....	0-1
MUS 171-Opera Workshop.....	1
MUS 281-Project in Studio Recording .....	2
MUS 401-Music Education.....	2
MUS 411-Recital Preparation.....	2
MUS 412-Senior Recital.....	2
MUS 416-Multicultural Music Education .....	3
MUS 425-Music Seminar .....	1
MUS 433-Computer Assist. Mus. Not. ....	3
Total .....	25

TOTAL 130-137

### CURRICULUM IN SCIENCE OR MATHEMATICS

The Bachelor of Science degree with a major in science or mathematics is awarded to candidates who complete a program of choice as outlined below in general, specialized academic

UNDERGRADUATE PROGRAMS

# UNDERGRADUATE PROGRAMS

and professional education areas. The programs lead to initial teacher licensure (certification) in Grades 6-12. Candidates may select a concentration in one of three areas: biology, physics, and mathematics. Candidates must check with their academic advisors in the Department of Teacher Education and their respective discipline for updated curriculum changes required by state and national accreditation bodies that may affect existing requirements.

## SCIENCE (BIOLOGY) CONCENTRATION

### FRESHMAN YEAR (Including Summer Session)

ART 210-Introduction to Fine and Performing Art	3
BIOL 113-Principles of Biol Lecture	3
BIOL 115-Principles of Biol. Lab	1
BIOL 114-Principles of Biol. Lecture	3
BIOL 116-Principles of Biol. Lab	1
*BSS 101-Freshman Seminar	2
ENG 101-Freshman Composition	3
ENG 102-Freshman Composition	3
HED100-First Aid	1
HIST 201-American Nat'l Multicultural	3
MATH 147-PreCalculus I	3
MATH 148-PreCalculus II	3
PE Activity	1
Total	30

### SOPHOMORE YEAR (Including Summer Session)

BIOL 201-Struct. Biol. Lect./Lab	4
BIOL 202-Developmental Biol. Lect.	4
BIOL 302-Genetics Lect./Lab	4
CHEM 111-Gen. Chem. Lect.	3
CHEM 112-Gen. Chem. Lect	3
CHEM 113-Gen. Chem. Lab	1
CHEM 114-Gen. Chem. Lab	1
ED 162-Introduction to Teaching	3
ED 200-Human Growth and Development or ED 204-Adolescent Psychology	3
ENG 213-Advanced Composition	3
GET 300-Rising Junior Exam	0
ST 208-Sp Arts Speaking or 212-Intro. to Pub. Speaking	3
STAT 273-Probability and Statistics	3
Total	35

### JUNIOR YEAR (Including Summer Session)

BIOL 206-Fund. of Ecology	4
BIOL 304-Intro. to Microbiology	4
CHEM 101-Environmental Chemistry	3
CHEM 223-Organic Chemistry Lect.	3
CHEM 224-Organic Chemistry Lect.	3
CHEM 225-Organic Chemistry Lab	1
CHEM 226-Organic Chemistry Lab	1
ECON 201-Principles of Econ.	3
ED 300-Educational Psychology	3
ED 312-Intro. to Ed. Excep. Child	3
ED 322-Reading in the Jr.-Sr. High School	3
SCI 420-Sci. Methods for Sec. Ed.	3
Total	34

### SENIOR YEAR

BIOL 305-Anatomy and Physiology	4
ED 317-Multicultural Education	3
ED 328-Diagnosis and Evaluation	3
ED 402-Instructional Technology Integration	3

ED 427-Classroom Management	3
ED 453-Advanced Teaching Methods	3
ED 455-Student Teaching	9
Total	28

TOTAL.....127

## SCIENCE (PHYSICS) CONCENTRATION

### FRESHMAN YEAR (Including Summer Session)

ART 210-Intro. to Fine and Perf. Art	3
*BSS 101-Freshman Seminar	2
ENG 101-Freshman Composition	3
ENG 102-Freshman Composition	3
HED 100-First Aid	1
HIST 201-American Nat'l History to 1877	3
MATH 153-Calculus for Science Majors I	3
MATH 154-PreCalculus I	3
PHYS 151-General Physics I	5
PHYS 152-General Physics II	5
Total	31

### SOPHOMORE YEAR (Including Summer Session)

CHEM 111-General Chemistry I	3
CHEM 112-General Chemistry II	3
ED 162-Introduction to Teaching	3
ED 200-Human Growth and Development or ED 204-Adolescent Psychology	3
ENG 213-Advanced Composition	3
GET 300-Rising Junior Examination	0
MATH 201-Calculus III	3
PE Activity	1
PHYS 110-Funds. of Physics II	3
PHYS 112-Funds. of Physics II Lab	1
PHYS 213-Atomic Physics	3
PHYS 214-Nuclear Physics	3
PHYS 217-Optics	3
PHYS 220-Sophomore Lab (Atomic)	1
PHYS 221-Sophomore Lab (Nuclear)	1
PHYS 227-Sophomore Lab (Optics)	1
STAT 273-Probability and Statistics I	3
Total	34

### JUNIOR YEAR (Including Summer Session)

BIOL 113-Principles of Biology	3
ECON 201-Principles of Economics	3
ED 300-Educational Psychology	3
ED 312-Intro. to Educ. of Except. Children	3
ED 322-Reading in the Jr.-Sr. High School	3
ED 328-Diagnosis and Evaluation	3
MATH 309-Intro. to Linear Algebra	3
MATH 321-Intro. to Modern Algebra I	3
PHYS 304-Hermodynamics	3
PHYS 305-Mechanics I	3
SCI 420-Sci. Meth. for Second. Educ. Teachers	3
ST 208-Speech Arts or ST 212-Fund. of Public Speaking	3
Total	36

### SENIOR YEAR

ED 317-Multicultural Education	3
ED 402-Instructional Technology Integration	3
ED 427-Interdisciplinary Seminar	3
ED 453-Advanced Methods II	3
ED 455-Student Teaching	9

# UNDERGRADUATE PROGRAMS

MATH 403-Differential Equations.....	3
PHYS 403-Theory of Electric and Magnetism I.....	3
Total.....	27
<b>TOTAL</b> .....	128

## MATHEMATICS CONCENTRATION

### FRESHMAN YEAR (Including Summer Session)

BIOL 113-Principles of Biology Lect.....	3
BIOL 115-Principles of Biology Lab.....	1
*BSS 101-Freshman Seminar or HONS 110.....	2
CS 107-Computers and Society.....	3
CS 110-Computer Science I.....	3
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
HED 100-First-Aid.....	1
HIST 201-American Nat'l Multicultural.....	3
MATH 153-Calculus I.....	3
MATH 154-Calculus II.....	3
PE Activity.....	1
PHYS 109-Fund. of Physics I.....	3
PHYS 111-Fund. of Physics I Lab.....	1
Total.....	33

### SOPHOMORE YEAR (Including Summer Session)

ART 210-Intro. to Fine and Perf. Art.....	3
CS 120-Computer Science II.....	3
CS 210-Discrete Structures.....	3
ED 162-Intro. to Teaching.....	3
ED 200-Human Growth and Development or ED 204-Adolescent Psychology.....	3
ENG 213-Advanced Composition.....	3
GET 300-Rising Junior Examination.....	0
MATH 201-Calculus III.....	3
MATH 305-Deductive Mathematics.....	3
MATH 137-Elementary Geometry.....	3
STAT 273-Probability and Statistics.....	3
Total.....	34

### JUNIOR YEAR (Including Summer Session)

CS 235-Data Structures.....	3
CS 300-Computer Science Seminar.....	1
ECON 201-Principles of Economics.....	3
ED 300-Educational Psychology.....	3
ED 312-Intro. to Educ. Exceptional Children.....	3
ED 317-Multicultural Educ.....	3
ED 322-Reading in the Jr. & Sr. High School.....	3
MATH 309-Introduction to Linear Algebra.....	3
MATH 321-Introduction to Modern Algebra I, II.....	3
MATH 323-Intro. to Modern Algebra II.....	3
MATH 350-Math Methods for Sec. Ed. Teach.....	3
ST 208-Speech Arts or ST 212-Fund. of Public Speaking.....	3
Total.....	34

### SENIOR YEAR

CS 310-Software Engineering.....	3
ED 328-Diagnosis and Evaluation.....	3
ED 427-Classroom Management and Org.....	3
ED 453-Advanced Methods II.....	3
ED 455-Student Teaching.....	9
MATH 400-Real Analysis I.....	3
MATH 403-Differential Equations.....	3
Total.....	27
<b>TOTAL</b> .....	128

## CURRICULUM IN SOCIAL STUDIES EDUCATION

The Bachelor of Arts degree with a major in social science education is awarded to candidates who complete the 124 hour program outlined below in general, specialized academic and professional education areas. The program leads to initial teacher licensure (certification) at the secondary level. Candidates must check with their academic advisor for updated curriculum changes required by state and national accreditation bodies that may affect existing requirements.

### FRESHMAN YEAR (Including Summer Session)

BIOL 103-Principles of Biology.....	3
BIOL 104-Principles of Biology.....	3
*BSS 101-Freshman Seminar.....	2
ED 162-Intro. to Teaching.....	3
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
HED 100-First Aid.....	1
HIST 101-History of West Civilization.....	3
HIST 102-History of West Civilization.....	3
MATH 131-College Math (Algebra).....	3
MATH 132-College Math (Trig.).....	3
PE Activity.....	1
Total.....	31

### SOPHOMORE YEAR (Including Summer Session)

HIST 201-American Multicultural Hist.....	3
ECON 201-Principles of Economics.....	3
ECON 202-Principles of Economics.....	3
ED 200-Human Growth/Dev. or ED 204-Adolescent Psychology.....	3
ED 300-Educational Psychology.....	3
ED 312-Intro. to Educ. Exceptional Children.....	3
GEOG 201-Cultural Geography.....	3
GET 300-Rising Junior Examination.....	0
HIST 202-Recent American History.....	3
PS 201-American Government.....	3
PSY 200-General Psychology.....	3
ST 208-Speech Arts or ST 212-Fund. of Public Speaking.....	3
Total.....	33

### JUNIOR YEAR (Including Summer Session)

ART 210-Fine/Perf Arts.....	3
CHEM 101-Environmental Chemistry.....	3
ED 317-Multicultural Education.....	3
ED 322-Reading in the Jr.-Sr. High School.....	3
ED 328-Diagnosis and Evaluation.....	3
ENG 213-Advanced Composition.....	3
HIST 320-African American Hist II.....	3
PS 300-State and Local Government.....	3
SOC 200-Anthropology.....	3
SOC 201-Introduction to Sociology.....	3
SS 406-Methods of Teaching SS.....	3
Total.....	33

### SENIOR YEAR

ED 402-Instructional Technology Integration.....	3
ED 427-Classroom Management.....	3
ED 453-Advanced Methods.....	3
ED 455-Student Teaching.....	9
GEOG 308-Physical Geography or 405-World Geography.....	3

UNDERGRADUATE PROGRAMS

# UNDERGRADUATE PROGRAMS

HIST 322-Louisiana History .....	3
SOC 405-Soc. of the Family .....	3
Total .....	27
<b>TOTAL .....</b>	<b>124</b>

## CURRICULUM IN KINESIOLOGY (PHYSICAL EDUCATION) (HEALTH EDUCATION AS SECOND TEACHING FIELD)

The Bachelor of Science degree with a major in Kinesiology (Physical Education) (Health Education as a second teaching field) is awarded to candidates who complete the 143 hour program outlined below in general, specialized academic and professional education areas. The program leads to initial teacher licensure (certification) for grades K-12. Candidates must check with their academic advisor for updated curriculum changes required by state and national accreditation bodies that may affect existing requirements.

### FRESHMAN YEAR (Including Summer Session)

BIOL 103 or BIOL 104-Principles of Biology Lec/Lab .....	4
*BSS 101-Freshman Seminar .....	2
CHEM 101-Environmental Chemistry .....	3
ED 162-Introduction to Teaching .....	3
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
HED 102-Advanced First Aid .....	2
HIST 101-History of Western Civilization .....	3
HIST 202-American History .....	3
KNES 206-Appreciation of Performing Arts .....	3
MATH 131-College Math .....	3
MATH 132-College Math .....	3
PE 101-Beg. Swimming or PE 102-Adv. Beg. Swimming .....	2
Total .....	36

### SOPHOMORE YEAR (Including Summer Session)

BIOL 305-Anatomy & Physiology .....	4
ECON 201-Principles of Economics .....	3
ED 200-Human Growth/Development .....	3
ENG 213-Advanced Composition .....	3
HP 201-Personal Health .....	3
HP 203-Drugs/Human Health .....	3
KNES 201-Foundations of PE & Sports .....	3
KNES 214-Team/Lifetime Sports I .....	3
KNES 215-Techn & Skills in Team & Lifetime Sports II .....	3
KNES 221-Psy & Soc Foundations PE & Sport .....	3
PSYC 300-Psyc Prin of Learning .....	3
ST 212-Public Speaking .....	3
Total .....	37

### JUNIOR YEAR (Including Summer Session)

ED 300-Education Psychology .....	3
ED 303-Reading: Introd & survey .....	3
ED 322-Reading in Junior/Senior High School .....	3
GET 300-Rising Junior Exam .....	0
HP 306-Introduction to Communicable Diseases .....	3
HP 320-Strategies of Cooord School Health Programs .....	3
KNES 210-Tumbling/Gymnastics .....	1
KNES 301-Elementary Strategies & Methods of PE .....	2
KNES 306-Kinesiology .....	3
KNES 310-Biomechanics .....	3
KNES 313-Measurement & Evaluation in PE .....	3
KNES 316-Physiology of Exercise .....	3
KNES 317-MS/Sec Strat & Meth Tchg PE .....	3
KNES 319-Motor Behavior .....	3

KNES 401-Org & Admin PE & Sport .....	3
Total .....	40

### SENIOR YEAR

ED 317-Multicultural Education .....	3
ED 402-Instructional Computing Media .....	3
ED 427-Classroom Management and Organization .....	3
ED 453-Advanced Teaching Methods II .....	3
ED 455-Student Teaching .....	9
HP 305-Org & Admin Coord Sch Health Programs .....	3
HP406-Meas. & Eval in Health Prom. ....	3
KNES 404-Adapted Physical Education .....	3
KNES 499-Senior Comprehensive .....	0
Total .....	30

<b>TOTAL .....</b>	<b>143</b>
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### SECOND TEACHING FIELD: HEALTH EDUCATION (21 HOURS)

HP 201-Personal Health .....	3
HP 203-Drugs & Human Health .....	3
HP 205-Principles of Health Education – 3 OR HP 304-Understanding Human Sexuality .....	3
HP 305-Org. & Adm. of Comp. School Health Programs .....	3
HP 306-Introduction to Communicable Diseases .....	3
HP 320-Strategies of Comp. School Health Education .....	3
HP 406-Measurement & Evaluation in Health Education .....	3

## PRACTITIONER TEACHER PROGRAM

The Practitioner Teacher Program is an alternative certification program approved by the Louisiana Board of Regents. An alternate certification program provides opportunities for individuals with bachelor's degrees to become certified public school teachers. The Practitioner Teacher Program is a streamlined alternate certification system that allows individuals to become certified through a combination of course work and full-time teaching across the following strands:

- Grades 1-5 practitioner teachers who enter the program will attend seminars and cover content related to child/adolescent developmental/psychology, the diverse learner, classroom management/organization, assessment, instructional design, and instructional strategies.
- Mild/moderate special education teachers will take courses that focus on the special needs of the mild/moderate exceptional child, classroom management, behavioral management, assessment and evaluation, methods/materials for mild/moderate exceptional children, and vocational and transition services for students with disabilities.

### ADMISSION REQUIREMENTS

To be admitted, students must:

- Possess a baccalaureate degree from a regionally accredited university.
- Have a 2.5 GPA on undergraduate work.
- Pass the PRAXIS I (reading, writing, mathematics or Communication Skills and General Knowledge).
- Pass the content specialty area examination of the PRAXIS:
  - Elementary Education Content Knowledge (10014) – Grades 1-6;
  - Specialty area examination of Special Education – Mild/Moderate 1-12.
- Have two Letters of Recommendation (One letter from Superintendent or Principal).
- Have proof of full-time employment or Letter of Intent for Employment in a school district with GSU collaborative partnership.
- Meet interview criteria.

# UNDERGRADUATE PROGRAMS

## Program Requirements

Total Hours Required .....Minimum of 18 Sem. Hrs.

### Option 1 - Grades 1-5

#### Summer Session

EDPT 314-Educational Foundations & Psychology.....	3
EDPT 329-Instructional Design, Methods, & Assessment.....	3
EDPT 427-Classroom Management & Organization .....	3

#### Fall/Spring Semesters

EDPT 449-Seminar: Novice Educator Support System .....	6
EDPT 451-Educational Practicum and Internship .....	3

#### Second Year

EDPT 446-Teaching Performance Review .....	0
EDPT 454-Prescriptive Plan Implementation .....	1-12
PRAXIS Review	
Louisiana Teacher Assistance & Assessment Program	

### Option 2 - Mild/Moderate 1-12

#### Summer Session

EDPT 327-A Comparative Study of the Education of Persons with Mild/Moderate .....	3
EDPT 412-Designing and Assessing Materials for Persons with Mild/Moderate Disabilities .....	3
EDPT 414-Vocational Strategies and Procedures for Exceptional Children .....	3

#### Fall/Spring Semesters

EDPT 449 -Seminar: Novice Educator Support System .....	6
EDPT 451 -Educational Practicum and Internship .....	3

#### Second Year

EDPT 446-Teaching Performance Review .....	0
EDPT 454 - Prescriptive Plan Implementation1 .....	12
PRAXIS Review	
Louisiana Teacher Assistance & Assessment Program	

## Program Exit Requirements

- Successfully complete coursework with minimum grades of "B."
- Pass appropriate PRAXIS specialty area examination(s).
- Pass PRAXIS Principles of Learning and Teaching (PLT) or Professional Knowledge.
- Successfully complete and pass Louisiana Teacher Assistant & Assessment Program.

## DEPARTMENT OF KINESIOLOGY, SPORT AND LEISURE STUDIES

The purpose of the Department of Kinesiology, Sport and Leisure Studies is to serve as an information resource in the content areas of kinesiology (formerly health and physical education), sport and leisure studies. The department seeks to provide learning experiences and hands-on activities that are essential to graduate competent, skilled professionals to enter their career field(s) as teachers, coaches, curriculum/content specialists, leisure service providers, consultants, administrators and directors of educational, sport, athletic, leisure, recreation and allied health programs.

The general objectives are: (1) to graduate majors capable of assuming leadership roles in public/private/parochial schools, sport/athletic organizations and recreation and leisure-service agencies; (2) to provide for the acquisition of knowledge and skills relative to the dynamics of kinesiology, sport and leisure studies; (3) to develop an awareness of program development,

implementation and evaluation in kinesiology, sport and leisure studies; (4) to render services to the citizenry of Lincoln and surrounding parishes, and to national and international constituencies dedicated to raising standards of professionalism and the quality of education; (5) to strengthen the undergraduate and graduate academic programs, by incorporating and utilizing existing information technologies; (6) to create and achieve excellence in academic programs through faculty and student research activities and other scholarly endeavors; (7) to instill a sense of continual professional development through active participation in subject-field organizations at the local, state, district, national and international levels; and (8) to maintain excellence in academic programs by complying with standards prescribed by subject-field accreditation agencies and organizations.

## CURRICULUM IN KINESIOLOGY PEDAGOGY (Formerly Health and Physical Education)

### TEACHING CONCENTRATION

#### FRESHMAN YEAR

BIOL 103-Principles of Biology or BIOL 104-Principles of Biology .....	3
*BSS 101-Freshman Seminar .....	2
ED 162-Introduction to Teaching.....	3
ED 201-Advisee Report .....	0
ED 201-Advisee Report .....	0
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
HIST 101-History of Western Civilization .....	3
HP 201-Personal Health .....	3
KNES 201-Foundations of Kinesiology and Sport .....	3
KNES 206-Appreciation of Performing Arts .....	3
MATH 131-College Math.....	3
MATH 132-Trigonometry .....	3
PE 101-Beg. Swimming or PE 102-Adv. Beg. Swimming .....	2
Total .....	34

#### SOPHOMORE YEAR

BIOL 305-Anatomy and Physiology Lec./Lab .....	4
CHEM 101-Environmental Chemistry .....	3
ECON 201-Principles of Economics .....	3
ED 200-Human Growth/Development.....	3
ED 201-Advisee Report .....	0
ED 201-Advisee Report .....	0
ENG 213-Advanced Composition .....	3
HIST 202-American History .....	3
KNES 210-Techniques of Tumbling/Gymnastics.....	2
KNES 214-Techniques of Team/Lifetime Sports I.....	3
KNES 215-Techniques of Team/Lifetime Sports II .....	3
KNES 221-Psy/Soc. Foundations of Sport .....	3
PSY 300-Psychological Principles of Learning .....	3
Total .....	33

#### JUNIOR YEAR

ED 300-Education Psychology.....	3
ED 303-Reading: Intro. and Survey .....	3
ED 317-Multicultural Education.....	3
GET 300-Rising Junior Exam.....	0
HED 102-Advanced First Aid .....	2
KNES 306-Kinesiology .....	3
KNES 301-Elementary Strategies & Methods of PE .....	2
KNES 310-Biomechanics .....	3
KNES 313-Measurement/Evaluation in PE.....	3
KNES 316-Physiology of Exercise.....	3
KNES 317-Meth/Strategies in Teaching Middle/Secondary PE3	

UNDERGRADUATE PROGRAMS

# UNDERGRADUATE PROGRAMS

ST 212-Public Speaking.....	3
Total.....	31

## SENIOR YEAR

ED 402-Instructional Computing and Media Tech.....	3
ED 427-Classroom Management and Org.....	3
ED 453-Secondary Advanced Teaching Methods II.....	3
ED 455-Student Teaching.....	9
KNES 319-Motor Behavior.....	3
KNES 401-Organ/Admin. of Physical Ed. And Sport.....	3
KNES 404-Adapted Physical Activity.....	3
KNES 499-Senior Comprehensive.....	0
Total.....	27
<b>TOTAL</b> .....	<b>125</b>

A second teaching field in health education is required.  
Consult a kinesiology advisor.

## SPORT MANAGEMENT CONCENTRATION

### FRESHMAN YEAR

BIOL 103-Principles of Biology or BIOL 104-Principles of Biology.....	3
*BSS 101-Freshman Seminar.....	2
ED 201-Advisee Report.....	0
ED 201-Advisee Report.....	0
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
HIST 101-History of Western Civilization.....	3
KNES 200-Microcomputer Competency for KNES/LS Majors ..	3
KNES 201-Foundations of Kinesiology and Sport.....	3
KNES 206-Appreciation of Performing Arts.....	3
MATH 131-College Math.....	3
MATH 132-Trigonometry.....	3
PE 101-Beg. Swimming or PE 102-Adv. Beg. Swimming.....	2
Total.....	34

### SOPHOMORE YEAR

BIOL 305-Anatomy and Physiology Lec./Lab.....	4
CHEM 101-Environmental Chemistry.....	3
ECON 201-Principles of Economics.....	3
ED 201-Advisee Report.....	0
ED 201-Advisee Report.....	0
ENG 213-Advanced Composition.....	3
HIST 202-American History.....	3
KNES 221-Psy/Soc. Foundations of Sport.....	3
KNES 307-Coaching the Young Athlete.....	3
MC 100-Introduction to Mass Communication.....	3
PS 201-American National Government.....	3
Rec 325-Design/Maintenance of Rec/Spt. Facilities.....	2
Total.....	30

### JUNIOR YEAR

ACCT 201-Financial Accounting Principles and Concepts.....	3
GET 300-Rising Junior Exam.....	0
HED 102-Advanced First Aid.....	2
KNES 306-Kinesiology.....	3
KNES 316-Physiology of Exercise.....	3
KNES 319-Motor Behavior.....	3
MC 225-Mass Media Writing and Editing.....	3
REC 225-Fieldbased Practicum.....	3
REC 370-Group Dynamics.....	3
REC 408-Research and Computer Use HP, LS and Spt.....	3
SOC 305-Social Psychology.....	3
SPM 405-Sport Club and Event Management.....	3
ST 212-Public Speaking.....	3
Total.....	35

## SENIOR YEAR

KNES 401-Organ/Admin. of Physical Ed. And Sport.....	3
KNES 499-Senior Comprehensive.....	3
REC 410-Legal Liability in Recreation/Sport.....	3
REC 416-Internship.....	12
SPM 409-Governance and Ethics of Sport.....	3
SPM 417-Sport Marketing and Development.....	3
Total.....	24
<b>TOTAL</b> .....	<b>123</b>

## HEALTH PROMOTION CONCENTRATION

### FRESHMAN YEAR

BIOL 103-Principles of Biology Lec./Lab. or BIOL 104-Principles of Biology Lec./Lab.....	4
*BSS 101-Freshman Seminar.....	2
CHEM 105-General Inorganic Chemistry Lecture.....	3
CHEM 107-General Inorganic Chemistry Laboratory.....	1
ED 201-Advisee Report.....	0
ED 201-Advisee Report.....	0
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
HIST 101-History of Western Civilization.....	3
HP 201-Personal Health.....	3
KNES 200-Microcomputer Competency for KNES/LS Majors ..	3
MATH 131-College Math.....	3
MATH 132-Trigonometry.....	3
PE 101-Beg. Swimming or PE 102-Adv. Beg. Swimming.....	2
Total.....	33

### SOPHOMORE YEAR

ECON 201-Principles of Economics.....	3
ED 200-Human Growth/Development.....	3
ED 201-Advisee Report.....	0
ED 201-Advisee Report.....	0
ENG 213-Advanced Composition.....	3
HIST 202-American History.....	3
HP 203-Drugs and Human Health.....	3
HP 205-Principles of Health Promotion.....	3
HP 302-Health Aspects of Gerontology.....	3
KNES 206-Appreciation of Performing Arts.....	3
PS 201-American National Government.....	3
PSY 200-General Psychology.....	3
SOC 200-Cultural Anthropology.....	3
Total.....	33

### JUNIOR YEAR

BIOL 305-Anatomy and Physiology Lec./Lab.....	4
ENG 207-Technical Writing.....	3
GET 300-Rising Junior Exam.....	0
HED 102-Advanced First Aid.....	2
HP 304-Introduction to Human Sexuality: Health Presp.....	3
HP 305-Organ/Admin. Of Coord Schl. Health Programs.....	3
HP 306-Introduction to Communicable Diseases.....	3
HP 320-Strategies of Coord. School Health Programs.....	3
HP 400-Consumer Health Promotion.....	3
HP 403-Environmental Health and Safety.....	3
HP 405-Community Health Promotion.....	3
REC 225-Fieldbased Practicum.....	1
ST 212-Public Speaking.....	3
Total.....	34

### SENIOR YEAR

KNES 499-Senior Comprehensive.....	0
HP 406-Measurement/Evaluation in Health Promotion.....	3

# UNDERGRADUATE PROGRAMS

HP 410-Planning/Evaluation of Health Promotion Prgms.....	3
HP 450-Introduction to International Health Education.....	3
REC 408-Research and Computer Use HP, LS and Spt.....	3
REC 416-Internship.....	12
Total.....	24
<b>TOTAL</b>	<b>124</b>

## CURRICULUM IN LEISURE STUDIES

### GENERAL RECREATION CONCENTRATION

#### FRESHMAN YEAR

BIOL 103-Principles of Biology .....	3
BIOL 104-Principles of Biology Lab .....	1
BIOL 105-Principles of Biology .....	3
BIOL 106-Principles of Biology/Lab .....	1
*BSS 101-Freshman Seminar.....	2
ED 201-Advisee Report .....	0
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
HED 101-First Aid .....	1
HIST 101-History of Western Civilization.....	3
HIST 104-The Modern World.....	3
HIST 301-History of Civilization .....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry.....	3
PE 101-Beginning Swimming or PE 102-Advanced Swimming.....	2
Total.....	28

#### SOPHOMORE YEAR

ECON 201-Principles of Economics .....	3
ED 201-Advisee Report .....	0
ENG 213-Advanced Composition .....	3
GB 150-Fundamentals of Business .....	3
HP 201-Personal Health .....	3
KNES 200-Microcomputer Competency for KNES/LS Majors .....	3
KNES 206-Appreciation of Performing Arts .....	3
KNES 222-Recreation and Intramural Sports.....	3
REC 218-History of Recreation, Leisure and Play.....	3
REC 225-Fieldbased Practicum.....	1-3
SOC 201-Introduction to Sociology or SOC 203-Social Problems .....	3
SOC 305-Social Psychology.....	3
ST 208-Speech Arts or ST 212-Public Speaking.....	3
TREC 204-Introduction to Therapeutic Recreation.....	3
Total.....	33

#### JUNIOR YEAR

ART 301-Craft Design or ART 309-Ceramics .....	3
BIOL 305-Anatomy & Physiology Lec/Lab .....	4
ED 201-Advisee Report .....	0
KNES 214-Techniques of Team Lifetime Sport.....	3
REC 204-Intro. to Recreation & Leisure Services .....	3
PSY 202-Developmental Psychology or PSY 302-Theories of Personality .....	3
REC 225-Fieldbased Practicum.....	3
REC 301-Program Planning in Recreation .....	3
REC 305-Camp Counseling.....	3
REC 309-Leadership Training in Recreation .....	3
REC 310-Urban Recreation .....	3
REC 325-Design/Maintenance.....	2
Total.....	33

#### SENIOR YEAR

ED 201-Advisee Report .....	3
REC 370-Group Dynamics.....	3

REC 380-Management of Leisure Services.....	3
REC 408-Research in Recreation.....	3
REC 410-Legal Liability in Recreation .....	3
REC 414-Organization and Admin. of Rec. & Spt. ....	3
REC 415-Seminar in Recreation.....	3
REC 416-Internship.....	12
REC 498-Senior Comprehensive.....	0
Elective (See the Department Advisor).....	3
Total.....	30
<b>TOTAL</b>	<b>30</b>

### THERAPEUTIC RECREATION CONCENTRATION

#### FRESHMAN YEAR

BIOL 103-Principles of Biology .....	3
BIOL 104-Principles of Biology Lab .....	1
BIOL 105-Principles of Biology .....	3
BIOL 106-Principles of Biology/Lab .....	1
*BSS 101-Freshman Seminar.....	2
ED 201-Advisee Report .....	0
ENG 101-Freshman Composition.....	3
ENG 102-Freshman Composition.....	3
HED 101-First Aid .....	1
HIST 101-History of Western Civilization.....	3
HIST 104-The Modern World.....	3
HIST 301-History of Civilization .....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry.....	3
PE 101-Beginning Swimming or PE 102-Advanced Swimming.....	2
Total.....	28

#### SOPHOMORE YEAR

ECON 201-Principles of Economics .....	3
ED 201-Advisee Report .....	0
ED 220-Human Growth and Development .....	3
ENG 213-Advanced Composition .....	3
GB 150-Fundamentals of Business .....	3
HP 201-Personal Health .....	3
KNES 200-Microcomputer Competency for KNES/LS Majors .....	3
KNES 206-Appreciation of Performing Arts .....	3
PSY 200-General Psychology.....	3
REC 225-Fieldbased Practicum.....	1-3
SOC 201-Introduction to Sociology or SOC 203-Social Problems .....	3
SOC 305-Social Psychology.....	3
ST 208-Speech Arts or ST 212-Public Speaking.....	3
TREC 204-Introduction to Therapeutic Recreation.....	3
Total.....	33

#### JUNIOR YEAR

BIOL 305-Anatomy & Physiology Lec/Lab .....	4
ED 201-Advisee Report .....	0
KNES 306-Kinesiology.....	3
REC 204-Intro. to Recreation & Leisure Services .....	3
PSY 202-Developmental Psychology or PSY 302-Theories of Personality .....	3
PSY 304-Abnormal Psychology .....	3
REC 225-Fieldbased Practicum.....	3
REC 301-Program Planning in Recreation .....	3
REC 305-Camp Counseling.....	3
REC 309-Leadership Training in Recreation .....	3
REC 325-Design/Maintenance.....	2
TREC 402-Operations and Procedures in TREC .....	3
TREC 403-Medical Aspects of TREC .....	3
Total.....	33

UNDERGRADUATE PROGRAMS



# UNDERGRADUATE PROGRAMS

## SENIOR YEAR

ED 201-Advisee Report .....	3
KNES 404-Adapted Physical Activity .....	3
REC 408-Research in Recreation.....	3
REC 410-Legal Liability in Recreation .....	3
REC 414-Organization and Admin. of Rec. & Spt. ....	3
REC 416-Internship.....	12
REC 498-Senior Comprehensive .....	0
TREC 410-Intervention Strategies & Leisure Education.....	3
Elective (See the Leisure Studies advisor) .....	3
Total.....	30
TOTAL .....	124

## MINORS

**(Coursework for a minor is additional to coursework for a major; consult a Kinesiology advisor.)**

### COACHING

HED 102-Advanced First Aid .....	2
KNES 213-Basic Athletic Training.....	3
KNES 221*-Psy/Soc Foundations of Sport.....	3
KNES 306*-Kinesiology.....	3
KNES 307-Coaching the Young Athlete.....	3
KNES 310*-Biomechanics.....	3
KNES 316-Physiology of Exercise .....	3
KNES 319*-Motor Behavior .....	3
KNES 401*-Organiz/Admini. of Physical Education and Sport .....	3
Total .....	23

### HEALTH EDUCATION (Non-Teaching)

HED 100-First Aid .....	1
HED 102-Advanced First Aid .....	2
HP 201-Personal Health .....	3
HP 203-Drugs and Human Health .....	3
HP 205-Principles of Health Promotion .....	3
HP 301-Teaching Strategies in Middle and Secondary Public Education .....	3
HP 302-Health Aspects of Gerontology .....	3
HP 303-Methods and Materials in Elementary Health Education.....	3
HP 304-Understanding Human Sexuality .....	3

HP 305-Organization & Admin of Coordinated School Health Programs.....	3
HP 306-Introduction to Communicable Diseases .....	3
HP 400-Consumer Health Education .....	3
HP 403-Environmental Health and Safety Education .....	3
HP 404-Family Education in the Home, School, and Community .....	3
HP 405-Community Health .....	3
HP 406-Measurement and Evaluation in Health Education.....	3
HP 410-Planning and Evaluation of Health Education Progs. .	3
HP 450-Introduction to International Health Education.....	3
Select a Total of.....	25

### PHYSICAL EDUCATION (Non-Teaching)

HED 102-Advanced First Aid .....	2
KNES 201-Foundations of Physical Education and Sport.....	3
KNES 206-Appreciation of Performing Arts through Dance ....	3
KNES 210-Techniques of Tumbling/Gymnastics.....	3
KNES 214-Techniques of Team and Lifetime Sports I.....	3
KNES 221*-Psy/Soc Foundations of PE & Sport.....	2
KNES 306*-Kinesiology.....	3
KNES 313*-Measurements/Eval in Physical Education.....	3
KNES 316*-Physiology of Exercise.....	3
KNES 317-Methods and Strategies in Teaching Middle/Secondary Phy. Education .....	3
KNES 319*-Motor Behavior .....	3
KNES 401*-Organ/Admin of Physical Education and Sport ....	3
KNES 404-Adapted Physical Activity .....	3
Total .....	34

### SPORT MANAGEMENT

ECON 201-Principles of Macroeconomics.....	3
KNES 221*-Psychological and Sociological Foundations of PE and Sport .....	2
KNES 401*-Organ/Admin of Physical Education and Sport ....	3
REC 370-Group Dynamics.....	3
REC 410-Legal Liability in Recreation and Sport .....	3
REC 416-Internship.....	12
SPM 409-Governance and Ethics of Sport.....	3
SPM 417-Sport Marketing and Development .....	3
Total .....	33

**\*Prerequisites-Consult a Kinesiology advisor.**

# UNDERGRADUATE PROGRAMS

## COLLEGE OF PROFESSIONAL STUDIES

The College of Professional Studies is composed of five units: the School of Nursing, the School of Social Work, the Division of Continuing Education, the Department of Criminal Justice and the Department of Mass Communication. An overview of the various units is provided below.

## SCHOOL OF NURSING

### MISSION STATEMENT

The mission of Grambling State University School of Nursing's baccalaureate program is to prepare graduates to assume the role of a beginning practitioner of professional nursing. This is congruent with the mission of Grambling State University which states that education is the cornerstone of an enlightened, creative and productive society. The degree offered is Bachelor of Science in nursing.

The nursing curriculum is composed of two components: pre-nursing and professional nursing. The pre-nursing component is composed of three academic semesters, or the equivalent. The professional component consists of five academic semesters after admission to the professional program.

The school is approved by the Louisiana State Board of Nursing and accredited by the National League for Nursing, Accrediting Commission.

## ADMISSION TO THE SCHOOL OF NURSING

### PRE-NURSING COMPONENT

Applicants must meet the general admission requirements of the university through the University Admissions Office.

### PROFESSIONAL COMPONENT

The number of admissions is determined by the availability of faculty and clinical sites. Application forms for admission to the professional component of the School of Nursing may be obtained from the Office of the Dean, School of Nursing. The BSN director and the dean will take final action and will notify the students. If, for some reason, a student is not admitted to the professional program, reapplication must be made following the regular procedure. Applications to the professional component must be postmarked no later than April 1 for fall semester and October 1 for spring semester.

### ADMISSION CRITERIA

- Submission of completed application by above deadline dates.
- Official academic transcripts from all colleges and universities attended (presently enrolled included) must be received by the School of Nursing by deadline dates.
- Complete all pre-nursing courses with a "C" or higher.
- 2.75 Cumulative GPA on a 4.0 scale in all pre-nursing curriculum courses and math/science.
- Two failures (WD, WF, D, or F) in any required science course will disqualify a student from admission.

ALL APPLICANTS ARE REMINDED THAT COMPLETION OF PRE-NURSING REQUIREMENTS DOES NOT AUTOMATICALLY ASSURE ADMISSION TO THE PROFESSIONAL COMPONENT IN NURSING.

The professional School of Nursing does not recognize academic renewal, amnesty, or bankruptcy. All courses on the official transcript are used to determine requirements and eligibility.

## REGISTERED NURSES AND LICENSED PRACTICAL NURSES

Special admission rules and conditions are applicable to permit RNs and LPNs to enter the professional program. Certain challenge examinations permit students to receive credit for knowledge already attained. Publications are available with additional information.

### FRESHMAN YEAR

Pre-Nursing Component	
BIOL 207/207L-Anatomy & Physiology	4
BIOL 208/208L-Anatomy & Physiology	4
*BSS 101-Freshman Seminar	2
CHEM 105/107-Inorganic Chemistry/Lab	4
CHEM 106/108-Organic/Biochemistry/Lab	4
ENG 101-Freshman Composition	3
ENG 102-Freshman Composition	3
MATH 131-College Algebra	3
PSY 200-General Psychology	3
NUR 120-Computers for Nurses	3
Total	33

### SOPHOMORE YEAR

BIOL 304-Microbiology	4
ENG 213-Advanced Composition	3
ST 212-Public Speaking	3
NUR 201-Introduction to Professional Nursing	2
NUR 205-Principles of Pharmacology	3
Professional Component	
GET 300-Rising Junior Exam	0
HUM-Humanities Elective	3
NUR 202-Nursing Process I	9
NUR 204-Health Assessment	3
NUR 207-Introduction to Critical Thinking	1
Total	31

### JUNIOR YEAR

PSY 304-Abnormal Psychology	3
ART/MUS-Art/Music Elective	3
STAT 273-Introductory Statistics	3
NUR 302-Nursing Process II	10
NUR 303-Group Interaction Seminar II	2
NUR 304-Nursing Process III	10
NUR 305-Group Interaction Seminar III	2
Total	33

### SENIOR YEAR

HUM-Humanities Elective	3
NUR 401-Progression Exam	0
NUR 402-Nursing Process IV	10
NUR 403-Group Interaction Seminar IV	2
NUR 404-Nursing Process V	8
NUR 406-Introduction to Nursing Research	3
NUR 407-Critical Thinking in Nursing	2
Total	28
Total Required Hours: Nursing	70
General Education Hours	55

TOTAL 125

UNDERGRADUATE PROGRAMS

# UNDERGRADUATE PROGRAMS

## SCHOOL OF SOCIAL WORK

### MISSION STATEMENT

Consistent with the university's commitment to excellence in education emphasizing high academic standards is the Mission of the School of Social Work (formally adopted by the faculty in 2003) the School aims to:

1. Prepare students to engage in ethical professional social work practice and research in a racially, ethnically, and culturally diverse society;
2. Promote social and economic justice, equality, and respect for individual dignity;
3. Promote continual professional development of students and faculty;
4. Maintain reciprocal relationships with social work professionals, groups, organizations, and communities; and promote interdisciplinary and interprofessional collaboration;
5. Promote the alleviation of poverty, oppression, other forms of social injustice, and recognize the global context of social problems and social work practice;
6. Demonstrate a commitment to the enhancement of the quality of life for African Americans and residents of rural communities in North Central Louisiana.

The mission of the School of Social Work is in harmony with that of the university. The university's emphasis on teaching, research, and service is reiterated as mission statements of the School which reflect the purposes, values, and ethics of the profession.

### BACHELOR OF ARTS IN SOCIAL WORK (BASW)

The Bachelor of Arts degree program with a major in social work offers generalist preparation for professional entry-level positions in a variety of social service settings. Social Work is the appropriate professional program for students whose job expectation and career goals include working with special populations and social problems such as child abuse, aging, mental health, probation and parole, adoptions, foster care, community services, school social work, medical social work, residential facility care, corrections, hospices, hospital and other public and private human service agencies.

### BASW MISSION STATEMENT

It is the mission of the undergraduate Social Work program to foster an environment which is fertile with opportunities for student learning. The program aims to cultivate a culturally sensitive student with appreciation for diversity and attired with social work knowledge, values and skills as empowerment mediums to engage in competent entry-level social work practice.

### PROGRAM GOALS

The goals of the baccalaureate program are:

1. To prepare competent social work professionals for effective entry-level generalist social work practice with individuals, families, groups, organizations and communities;
2. To prepare students for generalist social work practice with rural populations particularly in North Central Louisiana; and
3. To prepare students to meet the social service needs of diverse populations in a global context.

## PROGRAM OBJECTIVES

The objectives of the social work program are to enable students to:

1. Demonstrate knowledge of the biological, psychological, social and spiritual dimensions of human beings in their functional capacities as individuals, and within families, small groups, organizations and communities using the ecological systems perspective;
2. Trace the evolution of social welfare as an institution;
3. Evaluate the social, economic and political milieu which determine policies, programs, and services;
4. Apply generalist social work practice skills with individuals, families, groups, organizations and communities, in diverse settings and with diverse populations;
5. Demonstrate knowledge of how research and statistics may be used as foundation for a beginning evaluation of practice and to guide students in becoming informed decision makers;
6. Perform in an agency, under supervision, the generalist practice skills sufficient for intervention with individuals, families, small groups, and communities and with diverse populations in diverse settings, including rural Louisiana;
7. Demonstrate knowledge of social work's values, ethics and ethical dilemmas;
8. Discuss issues of social, economic and political justice;
9. Analyze the impact of social policy on African-Americans, on women, on individuals with a different sexual preference; on the physically challenged and other at-risk populations;
10. Develop leadership skills and professional behavior;
11. Discuss the importance of continuing professional education as life long learning.

## FIELD INSTRUCTION

A critical component of the undergraduate social work program is an intensive field practicum. Students are placed in agencies three days per week during their senior year for 250 clock hours each semester. Faculty serve in liaison roles to link the field experience to the classroom instructional program. Students are provided opportunities to apply theoretical knowledge and skills learned in the classroom to work with individuals, families, groups and communities. Students must apply for field placement the spring semester of their junior year. The field placement assignment is for two semesters. Students must have an overall 2.0 GPA to enroll in the field instruction courses. Transportation to and from the field instruction agency is the responsibility of the student. Students may be assigned to agencies in surrounding cities due to the limited availability of local placements.

## FEES

In addition to fees set by the university, the School also requires a field instruction fee of \$50.00 for each course in field instruction. This fee is due at registration during the semester the student enrolls in field instruction.

## ACCREDITATION

The undergraduate social work program is accredited by the Commission on Accreditation of the Council on Social Work Education, the national accrediting body. The degree may be recognized for advanced-standing by graduate schools of social work offering advanced standing programs.

# UNDERGRADUATE PROGRAMS

## DEGREE REQUIREMENTS

The Bachelor of Arts degree in social work is awarded to:

1. Students who complete a minimum of 125 semester hours of course work as outlined in the BASW course requirements;
2. Students who achieve a "C" or better in all social work courses; and
3. Students with an overall grade point average of 2.0.

## SECOND BACHELOR'S DEGREE

Students who choose a dual major must meet the same requirements described for social work majors.

## NON-SOCIAL WORK MAJOR

Courses open to non-social work majors are SW 200, SW 304, SW 308, SW 400, SW 401, SW 406, and SW 407. Admission into these courses is based on appropriate prerequisites or approval of instructor.

## CURRICULUM FOR BACHELOR OF ARTS IN SOCIAL WORK

### FRESHMAN YEAR

*BSS 101-Orientation.....	2
ENG 101-Freshman Comp. ....	3
ENG 102-Freshman Comp. ....	3
H.ED 100-First Aid .....	1
P.E. ACTIVITY .....	2
HIST 202-American History (1876-Present) .....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
SOC 200-Anthropology .....	3
FOREIGN LANGUAGE or Manual Communication (Same language required).....	6
ST 212-Public Speaking.....	3
Total .....	32

### SOPHOMORE YEAR

BIOL 103/105-Principles of Biology and Lab .....	4
BIOL 104/106-Principles of Biology and Lab .....	4
ECON 201-Prin. of Economics.....	3
ENG 200, 202, 203, or 204.....	3
ENG 213 -Advanced Comp.....	3
GET 300-Rising Junior Examination .....	0
PHIL 201-Intro to Philosophy .....	3
PS 201-American Government .....	3
PSY 200-General Psychology.....	3
SOC 201-Intro. to Sociology .....	3
SW 200-Intro. to Human Serv.....	3
Total .....	32

### JUNIOR YEAR

CS 107 or CIS 115 .....	3
PHIL 301-Intro to Logic .....	3
SOC 203-Social Problems .....	3
CHEM 101 or other natural science.....	3
ART 105, 210 or MUS 219.....	3
SW 304-Elementary Statistics or (SOC 327/PSY 327).....	3
SW 308-Soc. Wel. Policy .....	3
SW 400-HBSE I .....	3
SW 401-HBSE II .....	3
SW 402-Soc. Work Practice I .....	3
Total .....	30

### SENIOR YEAR

SW 403-Soc. Wk. Practice II.....	3
SW 404-SW w/Rural Comm.....	3
SW 405-Ethnic Sensitive SW.....	3
SW 406-Research Meth/Design.....	3
SW 407-Data Collection and Analysis .....	3
SW 410-Field Instruction I.....	4
SW 411-Field Seminar I .....	1
SW 412-Field Instruction II.....	4
SW 413-Field Seminar II.....	1
Elective(s).....	6
Total .....	31
TOTAL	125

## DIVISION OF CONTINUING EDUCATION

### MISSION STATEMENT

The primary mission of the Division of Continuing Education & Special Programs at Grambling State University (GSU) is to coordinate GSU's outreach/public service and related lifelong learning opportunities particularly to the residents of north central Louisiana. The mission is accomplished with the cooperation of the degree-granting colleges, schools, and academic departments in an attempt to respond to established needs, as well as under-served and unserved constituents. Programs are offered year-round.

Utilizing available educational resources including electronic delivery, GSU's external efforts are directed toward increasing the opportunities for the entry and reentry of individuals and groups into higher education. Assistance, furthermore, is designed to help overcome or minimize participatory barriers such as location, finance, and time. These efforts which may involve a variety of course and delivery formats, are sustained by a commitment to developing and maintaining convenient, quality, and affordable services and instruction.

### GENERAL OBJECTIVES

Consistent with the mission, the Division of Continuing Education & Special Programs is directed toward accomplishment of the following general objectives:

- Facilitate the coordination of non-credit activities in compliance with the Louisiana Board of Regents and the University of Louisiana System policy, procedures, and reporting requirements;
- Coordinate off-campus or mediated courses in response to specific external requests;
- Develop and establish information sources, orientation programs, and other support services which respond to the time and location constraints of off-campus students;
- Facilitate the development and delivery of instruction by interactive television, broadcast television, audiotape, videotape, and computer for both fixed and mobile sites;
- Arrange for sequenced off-campus courses leading to selected undergraduate and graduate degrees at the local, regional, state, national, and international levels; and,
- Further develop and refine the academic outreach relationships between GSU and University of Louisiana System institutions in order to provide increased instructional opportunities for service area residents.

Units comprising the division include the Distance Learning Program, Adult/Non-Credit Programs, Credit Programs, Special Programs & Projects, and Global/International Initiatives. Other units housed within the division include the GSU Aquaculture/

# UNDERGRADUATE PROGRAMS

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Pond Management Program, Career Planning & Placement, Cooperative Education, and the GSU Industry Cluster.

The Division of Continuing Education & Special Programs is located in the Jacob T. Stewart Building/Room 326.

## ADULT/NON-CREDIT PROGRAMS

The Department of Adult/Non-Credit Programs is primarily responsible for all non-credit activities and programs for the university including courses designed (and eligible) for continuing education units (CEUs). Activities and related programs in this area include camps, classes, conferences, forums, institutes, seminars, short courses, summer youth programming, specialized training, and workshops. Both university faculty/staff members and community professionals serve as program instructors and leaders in offering a variety of activities in the department.

While most activities carry a fee, there will be occasion that some activities are free of charge and are designed principally to provide information regarding a particular topic of community interest. Located in Room 326 of the Jacob T. Stewart Building, the Department of Adult/Non-Credit Programs provides a periodic schedule of courses that is published in the local media (newspapers) along with a brochure and flyer that are distributed to companies and various outlets within the university's service area.

Enrollment into any of these activities, unless otherwise specified, is open to the public including university personnel. Where an enrollment limit is indicated, registration is on a first-come first-serve basis.

## AQUACULTURE/POND MANAGEMENT

The Department of Aquaculture/Pond Management is an academic support unit within the Division of Continuing Education & Special Programs. Established initially as a project, the department now focuses on five distinct areas: aquaculture education & training; pond development & management; academic & research initiatives; catfish production & processing; and, outdoor education and related ventures. A primary goal of the department is to address the need for increased participation of minorities in the area of aquaculture as an academic field of study and to consider aquaculture as an alternative industry in crop production, particularly for displaced farmers along with small land owners. The Department of Aquaculture/Pond Management is located on the southwest portion of the campus in the Old Dairy Facility.

## CAREER PLANNING & PLACEMENT

The Department of Career Planning & Placement is a centralized service for the entire campus. Located in Room 130 of the Jacob T. Stewart Building, the center provides services for seniors and former students who are seeking employment or information concerning graduate study inclusive of assistance in career planning for all students. There is no charge for this service to students, alumni or employers. The department also sponsors a series of employee expectation seminars held each semester in addition to hosting the Annual Career Conference held each fall semester along with the Fall and Spring Teachers Fair. Information regarding employment opportunities is published periodically in the Career Placement Bulletin and is distributed to each department. This bulletin is also posted in departments throughout the campus including Long-Jones Hall, each of the residence halls, the Favrot Student Union, and the A.C. Lewis Memorial Library.

Students may sign-up in the Placement Center for appointments with various employers. Interviews begin when listed in the Career Placement Bulletin. Sign-ups for the schedule close at the end of the day prior to the interview. The Placement Center is open from 8:00 a.m.-5:00 p.m. Monday-Friday.

## COOPERATIVE EDUCATION

The Department of Cooperative Education—located in Room 130 of the Jacob T. Stewart Building—focuses on providing students with career-related practical training through enhancing their knowledge and skills with on the job training experiences. Cooperative Education (Co-op) also provides students with the opportunity to test their interests in a career field and to gain experience in the work environment.

Students are assigned to companies which can best utilize their skills, talents, and training to give them a competitive advantage. Co-op allows students to gain worthwhile experience as they receive college credit. A student who desires to secure a Co-op position must complete an application in the Director's Office, obtain approval by their Faculty Liaison Representative/Academic Department Head, be at least a second semester sophomore, and have a cumulative 2.5 grade point average (GPA). Furthermore, students are required to go through the placement interviewing process, sign up for an Intern/Co-op position, and submit a resume in the Cooperative Education Office. Co-op positions are competitive and the employing agencies reserve the right to accept a candidate based on their own selection requirements. Students who participate in the university's Co-op program must follow the rules of regular employees of the employing company. On-site visits are conducted by the Director and/or Faculty Liaison at least once during the student's tenure with the employing company. Every effort is made to match the student's career interest with the needs of the company.

## CREDIT PROGRAMS

The Department of Credit Programs within the Division of Continuing Education & Special Programs is charged with the task of expanding the university's evening, off-campus, and weekend program. This is accomplished with the assistance of the academic colleges/schools and departments. Designed to meet the needs of those with employment and family commitments, credit courses are scheduled by the various departments during the evenings and weekends both on-campus and at strategic off-campus locations to allow students to enroll either full-time or part-time with a minimum amount of disruption to their normal schedules. With the exception of having the status of a residential student, tuition and fees are the same. For students enrolled in a telecourse and/or courses delivered by electronic means at a remote site, a telecourse fee will be assessed in addition to the required fees for courses.

The Department of Credit Programs works cooperatively with other academic support service units to facilitate the administration of the credit-by-examination, advanced placement, and the College Level Examination Program (CLEP). The university recognizes the value of non-traditional learning experiences and offers students the opportunity to earn college credit for knowledge gained through reading, private study, and life/work experiences.

In executing its task, the Department of Credit Programs continuously searches for unique educational opportunities with educational institutions, governmental agencies, and the business/industry sector to establish ambitious learning alterna-

# UNDERGRADUATE PROGRAMS

tives for adults. Headed by the Director, the office is located in the Jacob T. Stewart Building/Room 345.

## DISTANCE LEARNING

Well known as a leading HBCU in providing e-learning opportunities, Grambling State University is using collaborations to deliver courses virtually across the globe. The university's Distance Learning Program (DLP), which offered its first course in 1990, is aimed at non-traditional students seeking to expand their education. Furthermore, the mission of the Distance Learning Program is to enhance the university's recruitment efforts to increase enrollment.

**Convenience-** The DLP is a fast, easy and convenient way to take courses anytime and anywhere on the Internet. Students can complete the registration process, from application to fee assessment online. Coursework is available 24 hours a day, 7 days a week and 365 days a year.

**Strategic Partnerships-** Soldiers worldwide can enroll in classes at Grambling State University through a unique partnership with the U.S. Army called eArmyU. A partnership with Edgenics enhances teacher professional development and paraprofessional training. A Virtual High Ability program gives high school students the opportunity to take college courses online. Other strategic partnerships allow GSU to educate employees within the U.S. Departments of Defense and Health and Human Services.

**IT Certifications-** The DLP is also the premier choice for IT certifications and Soft Skill Programs. This resource is available to corporations seeking to enhance computer, time management and problem solving skills of their employees.

**Location-** Located in the School of Nursing Building Room 108, the Distance Learning Program provides training for faculty in the delivery of instruction via Internet along with engaging in contract training ventures with local, state and federal agencies. Courses are offered via Satellite, Compressed Video, Internet, Videotape and CD-ROM.

### Resources

Blackboard Learning Management System  
Three Compressed Video Studios  
Training Institute for Faculty  
Student Ombudsman  
Television Studio  
Satellite Uplink & Downlink Capabilities  
Two Mobile Learning Laboratories

Using Mobile Automated Learning Laboratories (MALL) to create awareness about distance education opportunities throughout the region, the MALLs are also helping close the digital divide in North Central Louisiana by providing computer literacy and training at various churches.

With a philosophy, "The right choice, the best choice," Grambling State University's Distance Learning Program is a trendsetter in e-learning for HBCUs. More information is available at [www.gram.edu](http://www.gram.edu).

## SPECIAL PROJECTS & PROGRAMS

Located in Room 326 of the Jacob T. Stewart Building, the Department of Special Projects & Programs serves in a support capacity in facilitating the university's outreach efforts within the service area and community at large. This is accomplished through consortial relationships, contractual agreements, educational partnerships, and special programs inclusive of workforce development. Typically, this task is accomplished via the use of campus-based teams composed of faculty, staff, or stu-

dents with a particular expertise or interest in a predetermined community or region of the state and/or country. While some partnerships are directed toward specific outcomes such as faculty exchange, most of the programs administered by the department augment the university's goal of service. The university receives the opportunity to engage in community-based efforts and by doing so, provides opportunities for faculty, students and staff to enhance their professional growth and development.

## DEPARTMENT OF CRIMINAL JUSTICE

### B.S. DEGREE IN CRIMINAL JUSTICE

The main objectives of the Department of Criminal Justice are (1) to provide an academically sound and viable education that will professionally prepare students for numerous career opportunities in criminal justice; (2) to provide higher and specialized education for in-service officers in criminal justice; (3) to provide an intellectual climate in which students can develop skills to think critically and logically; (4) to prepare students to pursue graduate and professional study and research; and (5) to provide a unique environment at Grambling State University by bringing the regular pre-service students and in-service criminal justice officers together in a classroom situation where both can exchange ideas and develop a wholesome relationship in our multicultural, multiracial society.

The Bachelor of Science degree with a major in criminal justice is offered for those students who complete the outlined program of study and meet the requirements of the Department of Criminal Justice and the College of Professional Studies.

**Degree Requirements:** A minimum of 36 semester hours in criminal justice and other liberal arts and general education courses as outlined below.

## BACHELOR OF SCIENCE (BS) DEGREE

### Criminal Justice

### CURRICULUM IN CRIMINAL JUSTICE (B.S.)

#### FRESHMAN YEAR

BIOL 103-Principles of Biology + Lab 105 .....	4
BIOL 104-Principles of Biology + Lab 106 .....	4
*BSS 101 or HON 110H-Freshman Seminar .....	2
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
*HED 100-First Aid .....	1
HIST 101-History of Western Civilization I .....	3
HIST 102-History of Western Civilization II .....	3
MATH 131-College Algebra .....	3
MATH 132-Trigonometry .....	3
**PE Activity .....	1
CJ 101-Introduction to Criminal Justice .....	3
Total .....	33

\*MS 101 or 102 may satisfy this requirement.

\*\*AS 101, 102 or MS 101, 102 may satisfy this requirement.

#### SOPHOMORE YEAR

ART 105-Art Appreciation or ART 210-Intro. to Fine & Perform. Arts or MUS 219-Music Appreciation .....	3
CS 107-Computers and Society or CIS 115-Intro. to Computers and Software Appl. ....	3
ECON 201-Principles of Economics .....	3
ENG 200, 202, 203, or 204-World	

# UNDERGRADUATE PROGRAMS

Literature, Intro. to Lit., Intro. to English Lit., or Intro. to American Lit. ....	3
GET 300-Rising Junior Examination .....	0
GEOG 201-Cultural Geography .....	3
HIST 201-Am. Natl. Multi. Hist. to 1877 .....	3
SCI 101-Physical Science Survey and Lab 103 or CHEM 101-Environmental Chemistry .....	4-3
SPAN 101-Elementary Spanish .....	3
ST 212-Fund. of Public Speaking .....	3
CJ 201-Criminal Law .....	3
CJ 202-Criminal Procedure & Evidence .....	3
Total .....	33-34

## JUNIOR YEAR

ENG 213-Advanced Composition .....	3
HUM 200-African Culture and/or HUM 201-Western Culture and/or HUM 202-Non-Western Culture and/or HUM 301-Humanities of the South .....	6
PHIL 201-Introduction to Philosophy .....	3
PS 201-American National Government .....	3
PSY 200-General Psychology or SOC 201-Introduction to Sociology .....	3
SPAN 102-Elementary Spanish .....	3
CJ 204-Criminology .....	3
CJ 241-Fund. Law Enforce. & Security .....	3
CJ 251-Juvenile Justice & Delinquency .....	3
CJ 321-Interv., Interrog., Report Writing .....	3
Total .....	33

## SENIOR YEAR

SPAN 201-Intermediate Spanish .....	3
CJ 351-Practicum in CJ (Internship) .....	6
CJ 400-Contemp. Correctional Systems .....	3
CJ 406-Criminal Justice Research I .....	3
CJ 407-Criminal Justice Research II .....	3
Electives .....	7
Total .....	25

TOTAL 124-125

## A.S. DEGREE IN CRIMINAL JUSTICE

The Associate of Science degree in criminal justice is offered for students who are interested in law enforcement, police, security, corrections, juvenile justice, and other related careers and who wish to obtain the Associate Degree to qualify for numerous career opportunities in criminal justice. Law enforcement officers and other criminal justice practitioners may pursue the two-year Associate of Science degree in criminal justice while working full-time in their respective agencies.

The 2-year Associate of Science degree in criminal justice is offered for those students who complete the outlined program of study and meet the requirements of the Department of Criminal Justice and the College of Professional Studies.

**Degree Requirements:** A minimum of 21 semester hours in Criminal Justice in addition to other liberal arts and general education courses as outlined below.

## CURRICULUM IN CRIMINAL JUSTICE (A.S.)

### FRESHMAN YEAR

BIOL 103-Principles of Biology + BIOL 105 Lab .....	4
*BSS 101 or HON 110H-Freshman Seminar .....	2
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
*HED 100-First Aid .....	1

HIST 101-History of Western Civilization I .....	3
HIST 201-Am. Natl. Multi. Hist. to 1877 .....	3
MATH 131-College Algebra .....	3
**PE Activity .....	1
CJ 101-Introduction to Criminal Justice .....	3
CJ 201-Criminal Law .....	3
Total .....	29

\*MS 101 or 102 may satisfy this requirement.

\*\*AS 101, 102 or MS 101, 102 may satisfy this requirement.

## SOPHOMORE YEAR

MATH 132-Trigonometry .....	3
PS 201-American National Government .....	3
PSY 200-General Psychology or SOC 201-Introduction to Sociology .....	3
ST 212-Fund. of Public Speaking .....	3
CJ 202-Criminal Procedure & Evidence .....	3
CJ 204-Criminology .....	3
CJ 241-Fund. Law Enforce. & Security .....	3
CJ 251-Juvenile Justice & Delinquency .....	3
CJ 321-Interv., Interrog., Report Writing .....	3
Electives .....	6
Total .....	33

TOTAL 62

## PARALEGAL STUDIES PROGRAM

The primary objective of the Paralegal Studies Program is to provide students with a sound multidisciplinary academic experience as well as practical field experience in the legal process. Both experiences will prepare professionally educated, trained, and qualified paralegal graduates who will be able to meet the growing demand for paralegals throughout the nation. Additionally, due to its intrinsic nature, the program will also prepare students for the rigors of advanced legal studies.

## ADMISSION TO THE PROGRAM

Students seeking Bachelor and Associate of Arts degrees in the Paralegal Studies Program must meet the following requirements:

1. Incoming freshmen must have an ACT score of at least 19 in both English and math.
2. Transfer students must have at least a GPA of 2.75.
3. Incoming freshmen with ACT score of 16-18 or transfer students with a GPA of 2.50 - 2.74 shall be conditionally admitted into the Program. However, the stated students must successfully complete the first twelve (12) semester hours of paralegal studies courses with at least a "C" average in each course in order to continue in the program as paralegal studies majors.

Non-traditional students seeking an academic certificate must have at least a high school diploma or GED and employer verification or two letters of references.

## GRADUATION REQUIREMENTS

A candidate for a degree or certificate in paralegal studies must:

1. Complete a curriculum in the Program as outlined herein.
2. Have at least a GPA of 2.00(cumulative and in major field).
3. Make application for graduation during the specified time in the semester in which student expects to graduate.
4. Be recommended by student's advisor and approved and certified by the appropriate administrators.
5. Meet all other applicable criteria as outlined in the university's catalog and student handbook.

# UNDERGRADUATE PROGRAMS

## B.A. DEGREE IN PARALEGAL STUDIES

The Bachelor of Arts degree with a major in paralegal studies is awarded to those students who complete the outlined program of study and meet the requirements of the Paralegal Studies Program and the College of Professional Studies.

**Major Requirements:** A minimum of 36 semester hours in paralegal studies, and a total of 124-125 hours as outlined below.

### CURRICULUM IN PARALEGAL STUDIES (B.A.)

#### FRESHMAN YEAR

BIOL 103-Principles of Biology .....	4
BIOL 104-Principles of Biology .....	4
*BSS 101 or HON 110H-Freshman Seminar .....	4
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
*HED100-First Aid .....	1
HIST 101-History of Western Civilization I .....	3
HIST 102-History of Western Civilization II .....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
**PE Activity.....	1
SPAN 101-Elementary Spanish .....	3
Total .....	33

\*MS 101 or 102 may satisfy this requirement.

\*\*AS 101, 102 or MS 101, 102 may satisfy this requirement.

#### SOPHOMORE YEAR

ART 210-Intro. to Fine & Perform. Arts or ART 307-Art Appreciation or MUS 219- Music Appreciation .....	3
CIS 115-Intro. to Comp. and Software App.....	3
ECON 201-Principles of Economics .....	3
ENG 200-World Literature, ENG 202, Intro. to Literature, ENG 203- Intro. to English Literature or ENG 204- Intro. to American Literature .....	3
GET 300-Rising Junior Examination .....	0
HIST 201-Am. Natl. Multi. Hist. to 1877 .....	3
HUM 200-African Culture and/or HUM 201-Western Culture and/or HUM 202-Non-Western Culture and/or HUM 301-Humanities of the South .....	6
PS 201-American National Government.....	3
PL 201-Intro. to Law & Paralegal Prof. ....	3
PL 211-Criminal Law and Procedure .....	3
PL 221-Legal Research & Writing I.....	3
Total .....	33

#### JUNIOR YEAR

ACCT 201-Principles of Accounting or PL 361-Law Office Management.....	3
ENG 213-Advanced Composition .....	3
PL 222-Legal Research & Writing II.....	3
PL 241-Torts & Contracts for Paralegals.....	3
PL 321-Civil Litigation I .....	3
PL 322-Civil Litigation II .....	3
PSY 200-General Psychology or SOC 201-Introduction to Sociology.....	3
SCI 101-Physical Science Survey or CHEM 101-Environmental Chemistry .....	4-3
SPAN 102-Elementary Spanish .....	3
ST 212-Fundamentals of Public Speaking.....	3
Total.....	30-31

#### SENIOR YEAR

PL 398-Paralegal Internship I.....	3
PL 441-Special Topics in Law .....	3
Paralegal Studies Electives.....	9
Electives .....	13
Total .....	28

TOTAL 124-125

Note: Paralegal studies' elective courses include PL 311, 361, 399, 411, 421, and 431.

## A.A. DEGREE IN PARALEGAL STUDIES

The Associate of Arts degree in paralegal studies is offered to students who are interested in pursuing a career as paralegals. While working full-time in their respective fields, persons working in law offices or legal environments may also want to pursue the two-year Associate degree in paralegal studies.

Degree Requirements: A minimum of 24 semester hours in paralegal studies and a total of 61 hours as outlined below.

#### FRESHMAN YEAR

##### First Semester

*BSS 101 or HON 110-Freshman Seminar.....	2
ENG 101-Freshman Composition .....	3
*HED100-First Aid .....	1
HIST 101-Hist. of Western Civilization .....	3
PL 221-Legal Research and Writing I .....	3
**PE Activity.....	1
PL 201-Intro. to Law & Paralegal Prof. ....	3
Total .....	16

\*MS 101 or 102 may satisfy this requirement.

\*\*AS 101, 102 or MS 101, 102 may satisfy this requirement.

##### Second Semester

CIS 115-Intro. to Comp. & Software App. ....	3
ENG 102-Freshman Composition .....	3
MATH 131-College Algebra.....	3
PL Paralegal Elective .....	3
PL 222-Legal Research & Writing II.....	3
PL 241-Torts and Contracts for Paralegals .....	3
Total .....	18

#### SOPHOMORE YEAR

##### First Semester

ACCT 201-Principles of Accounting I or PL 361-Law Office Management.....	3
ENG 213-Advanced Composition .....	3
MATH132-Trigonometry .....	3
PL 321-Civil Litigation I .....	3
PS 201-American National Government.....	3
Total .....	15

##### Second Semester

PL 211-Criminal Law Practice and Procedure .....	3
PSY 200-General Psychology or SOC 201-Introduction to Sociology.....	3
ST 212-Fundamentals of Public Speaking.....	3
Paralegal Studies Elective .....	3
Total .....	12

TOTAL 61

## CERTIFICATE PROGRAM IN PARALEGAL

UNDERGRADUATE PROGRAMS



# UNDERGRADUATE PROGRAMS

## STUDIES

The Certificate Program in paralegal studies is offered to full-time employees working in a law office or legal environment and other full-time employees who may want to pursue the Certificate Program to enhance their education and professional qualifications.

**Certificate Requirements:** A minimum of 21 semester hours in paralegal studies, as outlined:

### CORE COURSES

PL 201-Intro. to Law & Paralegal Profession .....	3
PL 221-Legal Research & Writing I.....	3
PL 222-Legal Research & Writing II.....	3
PL 241-Torts & Contracts for Paralegals.....	3
PL 321-Civil Litigation I .....	3
Paralegal Electives.....	6
Total.....	21

## DEPARTMENT OF MASS COMMUNICATION

The main objectives of the Department of Mass Communication are to (1) provide a broad understanding of the role of communication and mass media in society; (2) provide an understanding of the role and responsibilities of a journalist in society; (3) prepare students for careers in the areas of mass communication—print journalism, broadcasting, public relations, and visual communication; (4) offer services to the community through workshops and seminars; and (5) provide an intellectual climate for students to think critically of issues related to mass media at the national and global levels.

The Bachelor of Arts degree in mass communication is offered for students who complete the outlined program of study and meet the requirements of the Department of Mass Communication and the College of Professional Studies.

Students must complete a minimum of 36 semester hours in mass communication (15 hours of core and 21 hours in an area of concentration) with a grade of “C” or better in each course, and the general education requirements. The Department of Mass Communication offers four areas of concentration—news-editorial, broadcasting, public relations, and visual communication.

**Admission Requirements:** Must have a minimum 2.00 cumulative GPA and “C” or better grade in ENG 101, ENG 102, and MC 100. A diagnostic English Language Skills Test will be administered.

**Minor in mass communication:** Students must complete a minimum of 18 semester hours in mass communication—MC 100, MC 225 and MC 345, and nine hours from any one area of concentration.

## CURRICULUM IN MASS COMMUNICATION

### FRESHMAN YEAR

BIOL 103-Principles of Biology .....	4
BIOL 104-Principles of Biology .....	4
*BSS 101 or HON 110H-Freshman Seminar .....	2
ENG 101-Freshman Composition .....	3
ENG 102-Freshman Composition .....	3
*HED 100-First Aid .....	1
HIST 101-History of Western Civilization .....	3
HIST 102-History of Western Civilization .....	3
MATH 131-College Algebra.....	3
MATH 132-Trigonometry .....	3
**PE Activity.....	1

MC 100-Intro. to Mass Communication .....	3
Total .....	33

\*MS 101 or 102 may satisfy this requirement.

\*\*AS 101, 102, MS 101 or 102 may satisfy this requirement.

### SOPHOMORE YEAR

ART 210, MUS 219, or Art 105-Intro. to Fine and Performing Arts, Music Appreciation, or Art Appreciation .....	3
CS 107-Computers & Society .....	3
ENG 200, 202, 203, or 204-World Literature, Intro. to Lit., Intro. to English Lit., or Intro. to American Lit. ....	3
ENG 213-Advanced Composition .....	3
Foreign Language .....	6
GEOG 201-Cultural Geography .....	3
GET 300-Rising Junior Examination .....	0
HUM 200, 201, 202, or 301-Humanities .....	6
ST 212-Fundamentals of Public Speaking.....	3
MC 225-Mass Media Writing and Editing.....	3
Total .....	33

### JUNIOR YEAR

CHEM 101-Environmental Chemistry .....	3
Foreign Language .....	3
HIST 201-American History to 1877 .....	3
MC 335- Online Writing and Design .....	3
MC 345-Mass Media and Society .....	3
PHIL 201-Intro. to Philosophy .....	3
PS 201-American National Government.....	3
PSY 200-General Psychology or SOC 201-Introduction to Sociology.....	3
Three courses from a selected area of concentration in Mass Communication.....	9
Total .....	33

### SENIOR YEAR

ECON 201-Principles of Economics .....	3
General Education electives .....	8
MC 465-Communication Law and Ethics.....	3
A minimum of four courses from a selected area of concentration in Mass Communication .....	12
Total .....	26

TOTAL 125

\*The core courses and areas of concentration in Mass Communication are listed below:

### CORE (15 hrs.)

MC 100-Introduction to Mass Communication .....	3
MC 225-Mass Media Writing and Editing.....	3
MC 335-Online Writing and Design.....	3
MC 345-Mass Media and Society .....	3
MC 465-Communication Law and Ethics.....	3

### CONCENTRATION I: News-Editorial (21 hrs.)

MC 299-Newswriting and Editing .....	3
MC 303-Communication Graphics .....	3
MC 310-Specialized Reporting .....	3
MC 325-Newspaper Practicum .....	3
MC 355-Feature Writing .....	3
MC 455-Editorial Writing .....	3
Three hours from MC 250, MC 308, MC 315, MC 320, MC 350, MC 404 or MC 410	9

## UNDERGRADUATE PROGRAMS

### CONCENTRATION II: Public Relations (21 hrs.)

MC 308-Internship .....	3
MC 333-Principles of Public Relations .....	3
MC 409-Communication Research Methods .....	3
MC 433-Public Relations Writing/Cases .....	3
MC 460-Public Relations Campaigns .....	3
Six hours from MC 299, MC 303, MC 310, MC 315, MC 339, MC 355, MC 360, MC 404	

### CONCENTRATION III: Visual Communication (21 hrs.)

MC 250-Basic Photography .....	3
MC 303-Communication Graphics .....	3
MC 350-Photojournalism .....	3
MC 404-Publications Design .....	3
MC 454-Desktop Publishing .....	3
MC 464 -Information Graphics .....	3
Three hours from MC 308 or MC 450	

### CONCENTRATION IV: Broadcasting (21 hrs.)

<b>Core</b>	<b>12 Hrs.</b>
MC 210-Writing for Radio and Television .....	3
MC 260-Audio Production .....	3
MC 330-Single Camera Video .....	3
MC 331-Digital Video Editing .....	3

### Broadcast News Track

**9 Hrs.**

MC 240-Broadcast Newswriting .....	3
MC 370-Broadcast News and Performance .....	3
MC 495-Broadcast Practicum or MC 308-Internship .....	3

### Broadcast Production Track

**9 Hrs.**

MC 308-Internship or MC 365-Broadcast Programming, or MC 370-Broadcast News and Performance .....	3
MC 445-Television Production .....	3
MC 471-Senior Project or MC 495 Broadcast Practicum .....	3

### Broadcast Sales and Management Track

**9 Hrs.**

MC 365-Broadcast Programming or MC 308-Internship .....	3
MC 415-Broadcast Audiences and Research .....	3
MC 470-Broadcast Management .....	3

### Electives

MC 245-Communication and Culture .....	3
MC 308-Internship .....	3
MC 315-Writing and Style for the Mass Media .....	3
MC 320-Sports Writing .....	3
MC 339-Principles of Advertising .....	3
MC 360-Advertising Creative Strategy .....	3
MC 410-Blacks and the Media .....	3
MC 450-Commercial Photography .....	3

UNDERGRADUATE PROGRAMS

# RESERVE OFFICERS TRAINING CORPS (ROTC)

## DEPARTMENT OF AEROSPACE STUDIES

**NOTE: Air Force ROTC is no longer offered at Grambling State University. AFROTC classes are taught at Louisiana Tech University through ICP.**

The mission of the Air Force Reserve Officer Training Corps (AFROTC) program is to educate and prepare full-time college students to be Air Force officers. Objectives of the program are to select and commission men and women who are of sound moral character, able to perform in leadership roles, and manage resources.

AFROTC offers a Four-Year and Two-Year Program. Most students go through the Four-Year Program with no obligation for the first two years.

To complete the program, students must be a U.S. citizen, pass the Air Force Officer Qualifying Test, pass a medical examination, pass a physical fitness test, and successfully complete a four or five week field training session.

Air Force scholarships can provide up to full tuition, books and fees, plus up to \$400 for 10 months each school year.

### FRESHMAN YEAR

AS 101 Foundations of the USAF.....	1
AS 102 Foundations of the USAF.....	1
AS 111 Basic Leadership Laboratory.....	1
AS 112 Basic Leadership Laboratory.....	1
Total.....	4

### SOPHOMORE YEAR

AS 201 Evolution of USAF Air/Space.....	1
AS 202 Evolution of USAF.....	1
AS 211 Preparing for Field Training.....	1
AS 212 Preparing for Field Training.....	1
AS 203 Four-Week Field Training.....	0
AS 204 Five-Week Field Training.....	0
Total.....	4

### JUNIOR YEAR

AS 301 Air Force Leadership Studies.....	3
AS 302 Air Force Leadership Studies.....	3
AS 311 Advanced Leadership Skills.....	1
AS 312 Advanced Leadership Skills.....	1
Total.....	8

### SENIOR YEAR

AS 401 National Security Affairs.....	3
AS 402 National Security Affairs.....	3
AS 411 Preparation for Active Duty.....	1
AS 412 Preparation for Active Duty.....	1
Total.....	8
TOTAL.....	24

## DEPARTMENT OF MILITARY SCIENCE

The Department of Military Science instruction emphasizes leadership and management. It is divided into a basic course, usually taken in the first two years, and an advanced course, taken in the junior and senior years. Enrollment in the first phase of Army ROTC occurs without a military obligation. Any student may enroll in all or part of the Basic Course. Veterans, National Guardsmen, or Reservist, in good standing may have direct admittance. Students not taking the basic level courses may attend ROTC Basic Camp during the summer and receive 6 credit hours and then be admitted into the Advanced Course. This is non-obligatory. Highly qualified Basic Course graduates

and upperclassmen with four semesters remaining may be selected for the Advanced Course. All students to be admitted into the Advanced course must pass a physical exam and be prepared to take and pass the Army Physical Fitness Test.

Prospective officers must successfully complete prescribed courses in psychology, written composition, computer science, U.S. military history, and mathematics. Army scholarships for two or three years are awarded to outstanding students, who apply each spring. The scholarship pays for tuition and a book allowance of \$450 per semester. Freshmen in the four (4) year program also receive a \$300 tax free subsistence allowance per month for ten (10) months. Sophomores receive \$350 per month for ten (10) months. All cadets in the Advanced Course also receive a \$450-\$500 per month tax-free subsistence allowance for ten (10) months each school year.

Upon earning the baccalaureate degree, the student is commissioned as a Second Lieutenant in the U.S. Army.

### FRESHMAN YEAR

MS 101 Introduction to Leadership.....	1
MS 101 Basic Leadership Lab.....	1
MS 102 Learning to Lead.....	1
MS 102 Basic Leadership Lab.....	1
Total.....	4

### SOPHOMORE YEAR

MS 201 Applied Leadership.....	2
MS 201 Basic Leadership Lab.....	1
MS 202 Leadership Development.....	2
MS 202 Basic Leadership Lab.....	1
MS 203 ROTC Basic Camp.....	6
MS 204 Directed Study-Airborne School.....	0
Total.....	12

### JUNIOR YEAR

MS 301 Leadership Tactics.....	3
MS 301 Leadership Lab.....	2
MS 302 Leadership & Management.....	3
MS 302 Leadership Lab.....	2
MS 303 ROTC Advanced Camp.....	3
MS 304 Cadet Troop Leadership Training (CTLT).....	3
MS 305 Directed Study-Air Assault School Enhanced Skills Training Program (ESTP).....	0
Total.....	16

### SENIOR YEAR

MS 401 Advanced Leadership & Management.....	3
MS 401 Leadership Lab.....	2
MS 402 Officership.....	3
MS 402 Leadership Lab.....	2
MS 403 Directed Study.....	3
HIST 313 U.S. Military History.....	3
Total.....	16

TOTAL 48

All students choosing to pursue a minor in Military Science are required to be contracted. The following is a list of the courses that are required in order to obtain a minor in Military Science:

### COURSE REQUIREMENTS FOR MINOR IN MILITARY SCIENCE

MS 301 Leadership Tactics.....	3
MS 301 Leadership Lab.....	2
MS 302 Leadership Management.....	3

## RESERVE OFFICERS TRAINING CORPS (ROTC)

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MS 302 Leadership Lab .....	2
MS 303 ROTC Advance Camp .....	3
MS 401 Advanced Leadership & Management.....	3
MS 401 Advanced Leadership Lab .....	2
MS 402 Officership.....	3
MS 402 Advanced Leadership Lab .....	2
MS 403 Directed Study-Junior Teacher Orientatio	

Cadets must have a minimum of five course electives from the professional military education requirements (i.e. Human behavior, written communication, management, computer literacy and math reasoning).

\*May substitute for PE or First Aid as approved by academic department head

\*\*Attendance approved by ROTC department head only

## THE GRADUATE SCHOOL

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## SCHOOL OF GRADUATE STUDIES AND RESEARCH

### HISTORICAL SKETCH

Grambling State University has offered master's degree programs since 1973. The institution received Board of Regents' approval to grant doctoral degrees in 1986. At present, the School of Graduate Studies and Research offers twelve master's degree programs and three doctoral degree programs. One of the three doctoral degree programs, the Ed.D. degree in developmental education, is offered only at Grambling State University. The other two doctoral degree programs, the Ed.D. degree in curriculum and instruction and the Ed.D. in educational leadership, are offered through the Louisiana Education Consortium, with Louisiana Tech University, University of Louisiana at Monroe, and Grambling State University sharing the responsibility for course offerings.

### MISSION

The mission of the School of Graduate Studies and Research is to produce individuals who have advanced knowledge in their fields, appreciate learning, are prepared to excel in their future careers, and can contribute to the quality of life in a global society. Critical to the mission is the cultivation of an intellectual climate that strives to:

- promote effective transmission of knowledge for future generations through advanced study and scholarly research.
- enhance and maintain the highest standards of excellence in graduate programs, faculty scholarly activities (teaching, research, and service) and professional practice.
- assimilate and create new knowledge to promote the welfare of a pluralistic society by developing a broader and deeper understanding of the human experience.
- accelerate acquisition of skills contributing to success and leadership in scientific, scholarly, creative, and professional arenas.
- enhance sensitivity to ethical issues and promote an atmosphere of the highest ethical standards.

### VISION

The vision of the School of Graduate Studies and Research is to become internationally recognized for its graduates, graduate faculty, and scholarly achievements. The goal of the School is to produce intellectually energized individuals who can excel at future careers in diverse settings and who can provide bold leadership in new directions. Evidence of this recognition includes:

- Graduate school recognized as a prime center of excellence in teaching, research and public service.
- Graduates recognized for strength of preparation in their chosen discipline, for abilities to solve problems in new environments, and for high standards of excellence in scholarly activity or professional practice in a changing world.
- Graduate faculty recognized for their ability to mentor and serve as role models and for their dedication to the entire teaching program.
- Graduate faculty recognized for significant scholarly research, publications, creative works, and service that contribute to improvement of human society and the natural environment.

### ADMINISTRATIVE ORGANIZATION

The School of Graduate Studies and Research is one of the eight administrative units responsible to the Provost and Vice-President for Academic Affairs. The unit operates under the direction of a dean and coordinates the university's graduate programs. Graduate instruction and specific programs are supervised and administered by appropriate college deans and faculties. The policy-making and regulatory body for graduate programs is the Graduate Council. University graduate faculty, administrators and students comprise the membership of the Graduate Council, with the dean serving as chairperson. Principal functions of the Council are as follows:

- Formulating all policies and regulations affecting graduate curricula and requirements leading to graduate credit, certification, and degrees.
- Approving graduate curricula and courses.
- Ruling on exceptions to regulations in the School of Graduate Studies.
- Providing for periodic and systematic evaluation of graduate programs by knowledgeable intra- and extra-divisional personnel and by knowledgeable consultants from outside the institution.

### PROGRAMS AND DEGREES OFFERED

Grambling State University offers graduate study leading to degrees in the following areas:

<b>MASTER'S PROGRAMS</b>	<b>DEGREES</b>
Criminal Justice	M.S.
Developmental Education	M.S.
<b>With options in:</b>	
English	
Guidance and Counseling	
Mathematics	
Reading	
Science	
Early Childhood/Elementary Education	M.S.
Sport Administration	M.S.
Liberal Arts	M.A.
<b>With options in:</b>	
Fine Arts	
Literature	
Humanities	
Mass Communication	M.A.
Nursing	M.S.N.
Public Administration	M.P.A.
<b>With options in:</b>	
Public Management	
State and Local Government Administration	
Human Resource Management	
Health Services Administration	
Social Sciences	M.A.T.
Social Work	M.S.W.
<b>DOCTORAL PROGRAMS</b>	
Curriculum & Instruction	Ed.D.
Developmental Education	Ed.D.
<b>With options in:</b>	
Curriculum and Instruction-Reading	
Instructional Systems and Technology	
Higher Education Administration and Management	
Student Development and Personnel Services	
Educational Leadership	Ed.D.

# THE GRADUATE SCHOOL

## ADMISSION TO THE GRADUATE SCHOOL

Students seeking admission to the Graduate School must submit a graduate admission application, a non-refundable application fee of \$20; a completed immunization form, three letters of recommendation, official transcripts of all undergraduate and graduate coursework, and an official report of GRE scores (Applicants for the MPA Program may submit either the GRE or GMAT) prior to the institution's established deadline.

Admission to the School of Graduate Studies and Research is awarded on the basis of evidence of academic achievement and promise. However, this does not ensure admission to a specific program. Because of the nature of certain programs, admission standards in some departments may be higher than those of the Graduate School. Therefore, applications of students who meet graduate school requirements are forwarded to the appropriate academic unit for review. A student then is advised to consult the department in which she or he wishes to pursue a degree for further information regarding admission requirements.

Applicants must send application and supporting documentation to:

School of Graduate Studies and Research  
P. O. Drawer 845  
Grambling, LA 71245

## GENERAL ADMISSIONS POLICY

An applicant for admission to a graduate program should understand that graduate study is not an extension of undergraduate work. It demands a high level of scholarship and places greater emphasis on research and creativity. Additionally, graduate study requires more student initiative and responsibility. Admission to graduate study may be granted to degree-seeking students or to special graduate students who do not wish to study for a degree.

## REGULAR ADMISSION

A student may begin graduate work in the fall, spring, or summer. For regular admission to graduate study, an applicant must:

- Have received a bachelor's degree from an institution which is accredited by an appropriate regional or national accrediting agency.
- Make formal application for admission at least sixty days before the beginning of the session in which he plans to enroll.
- Have each college or university attended send to the School of Graduate Studies and Research one official transcript of grades and credits earned.
- Have a cumulative grade point average of 3.0 (4.0 scale) or better on all undergraduate work and a 3.0 on all graduate hours pursued.
- Submit official scores for Graduate Record Examination. Candidates for the MPA Program are may submit scores on the GRE or GMAT. Scores must be from a test not more than five years prior to the date of admission.
- Three letters of recommendation sent directly from source(s) to Graduate School Office.
- Pay a \$20 application fee (money order or cashier's check made payable to Grambling State University).

Late applications will be processed in due course. No guarantee can be made that these applications can be processed in time for registration.

## CONDITIONAL ADMISSION

Conditional admission may be granted to applicants who fail to meet criteria for regular admission. Conditional admission may be granted to applicants having a minimum 2.50 GPA (4.0 scale) on all undergraduate work, a minimum 2.75 GPA on the last 60 hours of undergraduate work, or a minimum (Quantitative plus Verbal) GRE score of 800. Students not meeting these criteria must apply to the undergraduate Admissions Office for Other Undergraduate Status. Students seeking certification only must apply for non-degree status. Conditional status may be changed when the applicant has:

- Earned a "B" average (3.0) in twelve (12) semester hours of graduate study with not more than one grade of "C" in any course.
- Completed the required form for admission to the appropriate program and returned it to the Office of the Graduate School Dean through the individual department and college concerned. No student will be admitted to a graduate degree program while on conditional status.

## PROVISIONAL ADMISSION

Graduate students may be admitted on a provisional basis while in the process of obtaining required admission documents. Students who are admitted provisionally and do not meet all requirements for admission within one semester or summer session shall have their registration canceled without refund of fees.

## ADMISSION OF TRANSFER STUDENTS

To be admitted to the graduate program at Grambling State University, a student who has attended another graduate school must be eligible for re-admission to that graduate school. In addition, the student must meet all requirements listed under the procedures for admission.

## TRANSFER CREDITS

A master's level student may transfer from another institution up to one-third of the hours needed to complete the program. In such cases, however, the following conditions must be met:

- The institution must be regionally accredited.
- A grade of "B" or better must be earned on all credits.
- The six-year time limitation must be observed on all credits.
- The credits must be acceptable to the program as determined by the major advisor, department head and college dean.

Credits earned on a non-graduate basis or post-baccalaureate basis in another institution will not be accepted on any basis toward graduate degree requirements.

## ADMISSION OF NON-DEGREE STUDENTS

An applicant who meets all requirements for regular or conditional admission as a graduate student, but does not want to earn a degree at Grambling State University, may be admitted as a non-degree student. Only (12) semester hours of non-degree graduate credit can be later applied to a master's or doctoral degree. Application of such credit toward a degree must be approved by the degree granting college and the School of Graduate Studies. No credits earned with less than a grade of "B" will be applied.

Graduate students who do not plan to earn a degree should submit a transcript of the last degree held. Test scores and letters of recommendation are not required.

## ADMISSION OF INTERNATIONAL STUDENTS

International applicants must submit all college and university records 60 days prior to the semester of planned enrollment. In addition to the application materials listed above, international applicants must submit the following before acceptance into a Graduate School program can be determined:

- Financial statement
- Confidential health and physical examination form completed by a medical doctor
- Test of English as a Foreign Language (TOEFL) score (for applicants from non-English speaking countries)

An international applicant who has completed undergraduate degree requirements at any accredited United States institution must follow the admission procedures previously described. An applicant who has not completed undergraduate degree requirements at an accredited United States institution must present:

- An accurate chronological outline of all previous college-level education.
- Authorized school or university records, transcripts, mark-sheets, certificates, or degrees showing all courses taken and all grades received, with certified translations if the records are in a language other than English.
- Bachelor's degree or its equivalent from a recognized institution, with a satisfactory GPA.
- Certifications of the availability of sufficient funds to meet all costs while studying at Grambling State University.
- Scores on the Test of English as a Foreign Language (TOEFL) for international applicants whose native language is not English.

TOEFL is an essential part of the requirements for international students seeking admission for graduate study. International students must achieve a minimal score of 450 on the TOEFL to be considered eligible for admission to the School of Graduate Studies. An international student also must provide an Affidavit of Support before admission can be granted and a Form I-20 issued. This requirement must be met even if the student completed the requirements for the undergraduate degree in the United States.

The School of Graduate Studies will not consider for admission any individual who has entered the United States on an I-20 issued by another institution unless that individual has been previously enrolled at the institution issuing the I-20.

## READMISSION TO GRADUATE SCHOOL

Any admitted student not enrolled for one regular semester, excluding summer sessions, must apply for readmission to the School of Graduate Studies and Research. The readmission application and other required documents must be submitted to the School. Items needed in order to be readmitted include the following:

- Application for readmission (completed and signed)
- \$10 readmission application fee (money order or cashier's check made payable to Grambling State University)
- Official transcript(s) from college(s) attended while absent from Grambling State University

## STUDENT ADVISEMENT AND PROGRAM PLANNING

A normal academic load for a full-time graduate assistant is nine (9) semester hours of credit. Only students with superior academic records, with the approval of the major advisor, department head and college dean, may take a maximum of twelve (12) semester hours.

## REQUIREMENTS FOR GRADUATE DEGREES

### PLAN OF STUDY

A student is eligible to officially work toward a degree beginning with the semester in which he is formally admitted into a graduate program. After meeting with the student, the advisory committee will be required to submit to the Graduate School for approval a plan of study during the first semester after the student has been formally admitted. Students are responsible for knowing degree requirements and for enrolling in courses that fit into their degree programs. The student's plan of study is subject to the Graduate School policy and departmental requirements.

Change of plan of study forms may be secured from the advisor and must be executed by the student and his advisor and approved by the department head.

### MASTER'S THESIS

Students who are required to write a master's thesis must submit a prospectus approved by a thesis director, department head, and one other faculty member prior to registering for thesis credit and at least one semester before the thesis is submitted. At a final oral examination the thesis is evaluated by the thesis committee to determine whether it is satisfactory or unsatisfactory.

A copy of the thesis must be presented to the School of Graduate Studies for the dean's approval one month prior to the date in which the degree is to be conferred. For specific information concerning the format of the master's thesis, students should consult the appropriate college or school handbook and the School of Graduate Studies' *Guidelines for Preparing Research Proposals, Master's Projects and Theses, and Doctoral Dissertations*.

### DOCTORAL DISSERTATION

Each student must present a dissertation which represents the culmination of a major research project. The dissertation must be a well-reasoned, original contribution to knowledge in the field of study and should provide evidence of high scholarly achievement. The major professor is the primary source of guidance in the planning and preparation of the dissertation. However, all doctoral committee members should be involved in the process and must read the dissertation prior to signing the approval form. The doctoral committee members must indicate that the dissertation meets all college requirements to justify the scheduling of the oral defense of the dissertation. It is the responsibility of the doctoral committee to make recommendations if needed for revisions after the oral defense of the dissertation prior to submitting the dissertation to the School of Graduate Studies.



# THE GRADUATE SCHOOL

The style and form of the dissertation must be in conformity with the instructions prepared by the Department of Educational Leadership and the School of Graduate Studies and Research. For specific instructions regarding the format of the dissertation, the student should obtain a copy of the following handbooks:

- *Handbook for Advisors and Students* from the Department of Educational Leadership
- *Guidelines for Preparing Research Proposals, Master's Projects and Theses, and Doctoral Dissertations* from the School of Graduate Studies
- *Guide to Graduate Study* from the School of Graduate Studies

## ADMISSION TO CANDIDACY

Admission to candidacy is an important step in the student's progress toward a degree. The step indicates that the student has successfully completed an important portion of his or her graduate studies, has outlined the remainder of his or her program of study, is considered a capable graduate student, and is viewed as a worthy candidate for an advanced degree in his or her field of specialization. However, admission to a graduate program does not mean that a student is a candidate for a graduate degree.

## MASTER'S DEGREES

Advancement to candidacy for the master's degree is granted by the School of Graduate Studies and Research on the recommendation of the department after the student has (1) achieved regular admission status, (2) submitted an approved plan of study to the Graduate School, (3) completed the required number of semester hours as determined by each department, (4) made formal written application for advancement to candidacy, and (5) passed the comprehensive exam.

## DOCTORAL DEGREES

Advancement to candidacy for the doctoral degree is granted by the School of Graduate Studies and Research on the recommendation of the department after the student has (1) achieved regular admission status; (2) submitted an approved plan of study to the Graduate School; (3) made formal written application for advancement to candidacy; (4) passed the required candidacy or qualifying examination; (5) completed all required pre-candidacy courses; (6) earned a 3.0 GPA in all graduate work taken; (7) demonstrated English Proficiency by earning at least a "B" grade in Humanities 507, English 505, or DEED 634 (or an acceptable graduate writing course from another institution), or by earning a verbal GRE score of 500; and (8) met the residency requirement. A doctoral student must be advanced to candidacy at least nine months prior to the granting of the degree to assure sufficient time for work on the dissertation. In order to meet these requirements for candidacy, all necessary forms are available from the major professor or department head. Note: There is no English Proficiency requirement for Louisiana Education Consortium (LEC) doctoral students.

## GRADUATE ASSISTANTSHIPS

Graduate assistantships are available in various departments of the University. Stipends may vary depending upon qualifications, duties assigned, need, and availability of resources. Graduate assistants must be enrolled full time (a minimum of nine semester hours of graduate credit) during any semester in which they hold an assistantship.

To be eligible for an assistantship, a candidate must have a minimum overall undergraduate GPA of 3.0 and "regular" ad-

mission status. The renewal of graduate assistantships is predicated upon the satisfactory performance of assigned duties and the maintenance of a minimum 3.0 GPA. Graduate students who are interested in assistantships should submit applications to the Graduate School. Applicants must also submit three recommendations from individuals who can attest to their academic abilities, character, and work ethic (i.e. faculty members and former employers). Graduate students should also contact their department and express their interest in working as graduate assistants.

Applications for assistantships should be submitted not later than July 1st for fall appointments and October 1st for spring appointments.

Graduate faculty members/graduate programs who are seeking graduate assistants should develop a single-page job description that reflects the responsibilities and duties that will be required of the graduate assistants. Those duties and responsibilities should support the process of socializing the graduate student into the profession through activities that support teaching, research, and activities that are consistent with duties and responsibilities of the academic profession.

## FEES AND OTHER EXPENSES

Grambling State University reserves the right to adjust tuition and fees during the year without prior notice to the student should conditions so warrant, pending Board of Supervisors' approval.

The schedule of fees represents university charges. It does not include amounts for books, supplies, travel expenses, medical expenses other than clinic services provided by the university and miscellaneous personal items that may be required. Basic tuition, fees, room and board are to be paid in full by registration day.

Payments to the university for student tuition, fees, room and board costs should be made in person by credit cards (VISA, MasterCard, American Express) or by certified or cashier's checks, drafts, or money orders made payable to Grambling State University. Grambling disclaims any liability for cash (currency) that is sent through the mail; no cash should be mailed to the university. All payments made by mail should be addressed to:

**Comptroller's Office  
P.O. Box 25  
Grambling State University  
Grambling, LA 71245**

On applying for admission to Grambling State University, dormitory applicants must mail a \$50 damage deposit fee to the housing office, which is retained by the university until the student withdraws permanently from the university. Students registering after the scheduled dates will be charged a late fee of \$50. Fees are subject to change without further notice, pending Board of Supervisors approval.

NOTE: International students will be assessed a student service fee of \$60.

## REFUND POLICY

### GENERAL FEE

Continuing students or first-term applicants who pay fees in advance, register and then officially withdraw from the university may be refunded 100% of the general fee in accordance with the federal aid refund policy, if written notification of the official withdrawal is received by the Vice President for Finance on or before the 14th or 7th class day for the regular academic terms or summer term, respectively. The general fee is not refundable for official withdrawals occurring after those dates.

## GRADUATE HOUSING OR DORMITORY LIVING

Graduate students may choose to live in university apartments or in the dormitory. An application for Graduate Housing may be processed at any time through the University Housing Office, P.O. Box 554, Grambling State University, Grambling, LA 71245. Applicants will be considered after application has been made. However, there is a waiting list for an apartment. Once an applicant is notified that an apartment is available, the applicant must have a \$50 damage deposit on file with the university. Graduate students will be granted permission to occupy Lafayette Richmond Hall for 12 months, as long as their residence hall fees are paid in advance. The amount of fees assessed will be \$350 per bed per month.

**Damage Deposit:** Upon graduating or permanently withdrawing from the university, the student may receive a refund upon written request provided that the written request is made within thirty (30) days following the effective termination date.

The university reserves the right to use these deposits in any manner to provide for and maintain housing facilities, until such time that the deposit is requested.

Upon request for refund of the deposit, charges for losses, damage to university property, and other charges as determined by the university will be deducted from the deposit. The balance will be refunded to the student.

**Room Fee:** Continuing students and/or first-term applicants who pay fees in advance, register and then officially withdraw from the university may be refunded 100% of the room fee in accordance with the federal aid refund policy, if written notification of the official withdrawal is received by the Vice President for Finance on or before the 14th or 7th class day for the regular academic terms or summer term, respectively.

Continuing students and/or first-term applicants who pay in advance and do not complete the registration process may be refunded 100% of the room fee.

This policy does not include the guaranteed room reservation fee.

The room fee may be refunded on a pro rata basis for official withdrawals which occur after the 14th or 7th class day for the respective terms, if written notification is received by the Vice President for Finance within ten (10) days after the official withdrawal date.

The refund will consist of a pro rata share of the room fee based on the official withdrawal date.

**Mailbox Fee:** Refunds for this fee will be handled in the same manner as refunds for the general fee.

**Out-of-State Fee:** Refunds for this fee will be handled in the same manner as the refunds for the general fee.

**Waiver of Out-of-State Fee:** If students pay their out-of-state fee and are subsequently granted an out-of-state waiver prior to the 14th class day (7th class day for the summer session), the out-of-state waiver will be honored effective for the current semester.

## BOARD

Continuing students or first-term applicants who pay fees in advance, register and then officially withdraw from the university may be refunded 100% of the board fee in accordance with the federal aid refund policy, if written notification is received by the Vice President for Finance on or before the first day of the board contract period or the first day of classes (whichever comes first). The fee paid for board may be refunded on a pro rata basis after the beginning of the contract or academic year. There will be no pro rata refund for summer school. Pro rata refunds allow for the proration of board charges based on the number of days remaining in the period for which the student was charged divided by the number of total days in the period for which the student was charged plus any unused declining balance.

Whenever the university withholds the issuance of meal cards or dining hall privileges to those students whose accounts become delinquent during the semester or summer session, the cost of meals missed during the period are not refundable nor deductible from the total semester dining charge when and if the account is made current (not delinquent) and the privileges restored.

## WITHDRAWALS

Students may withdraw voluntarily or may be withdrawn involuntarily. Voluntary withdrawal occurs when students withdraw on their own accord, with written notification. Involuntary withdrawal occurs when students are officially (administratively) withdrawn for disciplinary or financial reasons. Students who withdraw on a voluntary basis are subject to the same refund policies as are other students.

## PAYMENT OR CREDIT OF REFUND

Any fees paid in advance are refundable in accordance with the applicable refund policy.

It is the policy of the university to credit to the students' accounts or disburse refund checks in a timely manner. The distribution of such checks is subject to the policies and practices of the university's regular check preparation and distribution procedures.

## ERRORS AND PENALTY

The university will refund any fees which were either incorrectly assessed or inadvertently paid in excess of the correct amount due.

## STUDENT APPEAL

A student or applicant involved in any controversy regarding the amount of refund may appeal the decision of the Assistant Vice President for Finance or the Director of Housing. The appeal must be presented in writing to the Vice President for Finance within fifteen (15) days after the date of the written notice of the disagreement. The appellant must clearly state the reasons for which an exception should be made contrary to a specified refund policy.

The Vice President for Finance may make a final determination based upon the evidential data presented or may determine that further investigation would facilitate a final decision. In either situation, the appellant will be so notified. A final decision will be rendered in writing no later than thirty (30) days after receipt of the written appeal.

## GENERAL GRADUATE REGULATIONS

### REGULATIONS GOVERNING STUDENTS' RECORDS

In accordance with the Family Education Rights and Privacy Act of 1974, Grambling State University students have the right to review, inspect, and challenge the accuracy of information kept in a cumulative file by the institution unless the student waives this right in writing. Records cannot be released in other than emergency situations without the written consent of the student, except in the following:

- Grambling State University officials and staff who have legitimate educational interest;
- Officials of other schools in which the student seeks admission;
- Appropriate persons in connection with a student's application for or receipt of financial aid;

# THE GRADUATE SCHOOL

- Federal or state officials as defined in paragraph 99.37 of the regulations concerning the law;
- State officials and officials authorized by state statute;
- Organizations conducting studies for or on the behalf of Grambling State University for the purpose of assisting in accomplishing the university's stated goals, when such information will be used only by such organizations and subsequently destroyed when no longer needed for the intended purpose;
- Accrediting organizations to carry out their functions;
- Parents of dependent students as defined in Section 152 of the internal Revenue code of 1954 (Written consent may be allowed from either of the separated or divorced parents subject to an agreement between the parents or court order. In the case of a student whose legal guardian is an institution, a party independent of the institution, appointed under state and local law to give parental consent, may be allowed to do so.)

A request must be in writing stating the purpose of the request. This record will also indicate specifically the legitimate interest that the persons or agency had obtaining the information.

Policies governing disciplinary procedures for the university are included in the Code of Student Conduct manual, available in the Office of the Vice President for Student Affairs. Requests for access to educational records by any person other than the Graduate Student shall be refused unless the student has submitted a written, dated, and signed waiver to allow access to the records. The waiver must specify the records to be released, the reasons for the release, and names of persons to whom records should be released.

## ACADEMIC REGULATIONS

### PROBATION

Any graduate student whose cumulative GPA falls below 3.0 will be placed on probation. A student who is readmitted on probation may remove himself or herself from such status by raising his or her cumulative GPA to 3.0 or better. Failure to earn a semester GPA of 3.0 or better while on probation will result in suspension.

### SUSPENSION

A graduate student who accumulates more than six (6) semester hours of "C" grades will be suspended. No grade below "C" is acceptable. A student with a grade of "D" or "F" is automatically dropped from the program.

### APPEALS AND PETITIONS

Petitions for readmission to the Graduate School are accepted after a student has remained out of school for a semester or summer session immediately following such suspension. A suspended student who wishes to reenroll must submit a written appeal to the dean of the School of Graduate Studies and Research who will refer it to the Graduate Council, detailing the reasons why he or she believes readmission should be granted. A suspended student cannot be readmitted more than once in a pursuit of a graduate degree. A suspended student who is readmitted to the Graduate School must apply to his or her program for readmission to that program. If the dean cannot resolve the question, he or she will refer it to the Graduate Council.

Petitions and grievances related to programs, regulations or other academic matters should be addressed to the dean of the Graduate School after having been endorsed by the individual department and college concerned. A reinstated student may be subject to other performance criteria as specified by the Graduate Council.

### DISMISSAL

A student may be suspended or dismissed from the graduate program in which he or she is enrolled for failure to meet program requirements that may be in addition to Graduate School requirements. Petitions for readmission to a program must be directed to the appropriate program director or department head.

## GRADUATE GRADING SYSTEM

The unit of credit is the semester hour based on a four-point grading system. Grades are assigned as follows:

A	- Superior
B	- Above Average
C	- Average
D	- Below Average
F	- Failure
I	- Incomplete
IP	- In Progress
P	- Passing
NC	- No Credit
W	- Withdrawal
AU	- Audit
Z	Approved Course/Work Pending

The grade of "W" indicates withdrawal of the student from a course prior to the designated deadline. The symbol "AU" indicates that the course has been audited; however, no credit is granted. The grade "I" denotes that some relatively small part of the session's work remains undone because of illness or other unavoidable reason. This mark is given in exceptional cases where the student has been passing and gives evidence of ability to pass the course if granted an opportunity to complete an assignment which could not be completed by the end of the term. No credit will be given for "I." "I" grades are computed as "I" grades until corrected to earned grades. The grade may be changed upon completion of the work prescribed by the instructor. Incompletes must be removed within one year. When applicable, an in progress grade "IP" is awarded to students enrolled in courses such as practicums, internships, and others in which course requirements are not normally completed within one term. The grade "IP" will remain until course requirements have been completed. At that time a regular grade will be awarded. No credit will be given until the "IP" is converted to a regular grade. The grades of "P" and "NC" may be given only in specified graduate courses. Courses so graded will not be used in computing the GPA.

A student must maintain a minimum GPA of 3.0 or above in order to be eligible to apply for graduation. All credits earned while pursuing the graduate degree, in all courses taken, will be used to determine a student's overall GPA.

## ENGLISH PROFICIENCY

All graduate students must demonstrate English proficiency by earning at least a "B" grade in HUM 507, DEED 634, SWK 500, SWK 600, SPA 511 or an acceptable substitute.

## COURSE CHANGES

A student may drop and substitute a course without penalty within the limit specified in the university calendar, provided approval is given by his or her advisor. After the class adjustment, the student's official drop/add form must be approved by the advisor, assigned a drop/add number, and submitted to the Office of the Registrar.

## GRADUATE CREDIT LOAD

Generally, nine (9) credit hours are considered to be a full load for graduate students during the regular fall and spring semesters. During the summer session, five (5) hours are considered to be a full load.

## THE ACADEMIC COMMON MARKET

The Academic Common Market is an interstate agreement among fifteen Southern states for sharing uncommon college and university programs. Residents of these states who are accepted for admission into selected out-of-state programs may enroll on an in-state tuition basis. To qualify, an applicant must (1) be accepted into a program to which his or her state has made arrangements to send its students, and (2) submit proof to the university of legal residence in the home state. For information contact: Southern Regional Education Board, 592 Tenth Street N.W., Atlanta, GA 30318-5790 or [www.cep.unt.edu/ACM.html](http://www.cep.unt.edu/ACM.html).

- In compliance with judicial order or subpoena, provided the student is notified in advance of the compliance; or
- Appropriate persons in connection with an emergency, if knowledge is necessary to protect the health or safety of a student or other persons.

With the exception of Grambling State University officials and staff who have been determined by the university to have legitimate educational interest, all individuals and agencies who have requested or obtained access to student's records will be noted in a record which is kept with each student's educational records to send its students, and (2) submit proof to the university of legal residence in the home state. For information contact: Southern Regional Education Board, 592 Tenth Street N.W., Atlanta, GA 30318-5790 or [www.cep.unt.edu/ACM.html](http://www.cep.unt.edu/ACM.html).

## APPLICATION FOR GRADUATION

A student must file an application for graduation in the Office of the Dean of the Graduate School during the first month of the regular session and within the first 5 days of the summer session in which he or she expects to complete all requirements. A candidate for any degree must also make application for the degree with the Office of the Registrar.

An applicant for a degree must be enrolled for the current semester or summer session. If a student fails to receive his or her degree at the time indicated, a new application must be filed.

A student who expects to receive a graduate degree must meet the following minimum requirements:

1. Must satisfy the English Proficiency requirement.
2. Meet the minimum semester hours required for the particular program in which the student is enrolled.
3. Not have more than six (6) semester hours of "C" grades.
4. Must have a grade point average of 3.0 or better.

NOTE: Some departments have graduation requirements which are not listed in the general graduation requirements. Students are advised to check with their major department, college or school for other graduation requirements.

## SECOND MASTER'S DEGREE

A second master's degree shall be awarded when all requirements for that degree have been fulfilled. The student must satisfy all demands for the second degree which are different

from the first degree. A student seeking a second master's degree may be allowed to apply from a previous or simultaneous degree a maximum of one-half the credits required for the second degree. A comprehensive examination or thesis required for the first degree shall not be acceptable as meeting requirements for the second degree.

## GRADUATION FEES

A fee must be paid at the time the application for graduation is made. All fees are paid in the Accounting Office.

## CERTIFICATION

The programs leading to the M.S. degree in early childhood/elementary education and the M.A.T. degree presuppose that the student enrolling therein either has met the requirements for a teaching certificate in the State of Louisiana on the designated level or plans to take the additional courses that will lead to proper certification prior to, or at the time of, graduation. The advisor, in consultation with the department head, will plan a program which includes requirements for certification for the student who does not have a valid teaching certificate. To meet requirements for certification and the master's degree at the same time, the student should be prepared for a longer period of study.

Copies of the Louisiana Standards of Certification are available in the offices of the advisors, the department heads and dean of the College of Education.

## STATUTE OF LIMITATIONS

Students must complete the requirements for the master's degree within six years after admission to a degree program if they are full-time. Part-time students may take up to eight years. The program for the doctoral degree must be completed seven years after admission to a candidacy if the student is full-time. Part-time students may take up to ten years. When a student fails to complete his or her plan of study within this time period, he or she must petition the Graduate Council through the Graduate School for an extension and present evidence for failing to complete the program in the time limit specified. If approval is given, the student could then be responsible for additional requirements. Courses taken six years prior to being admitted in a graduate program, whether at Grambling State or at another university, cannot be accepted for credit toward a degree.

## 400 LEVEL COURSES

A student may apply up to 6 hours of 400 level coursework toward the master's degree if the courses have been approved for graduate credit and with the approval of the student's advisor, department head, college or school dean and dean of the School of Graduate Studies and Research.

## STUDENT RESPONSIBILITY

A graduate student is expected to assume full responsibility for becoming accountable and knowledgeable concerning the rules and regulations affecting his or her graduate program. Questions may be directed to a program director, department head, college dean or dean of the Graduate School.

# GRADUATE PROGRAMS

## COLLEGE OF ARTS AND SCIENCES

### MASTER OF ARTS (MA) DEGREE

The Master of Arts degree with a major in liberal arts stresses Western and Non-Western cultures, provides new vistas for students who wish to pursue a broad interdisciplinary path of knowledge that adds new dimensions to modern education. The program is designed to be diversified and flexible, with emphasis on global expressions of meaning and value. Within an interdisciplinary liberal arts framework, it offers students learning experiences that will enable them to serve effectively and efficiently in our society. This program of study provides three concentrations (1) fine arts, (2) literature, or (3) humanities. The following fields or disciplines within the MALA Program are art, literature, language and linguistics, music, philosophy, and theatre. Admission to the Liberal Arts Program is open to students from any undergraduate background.

#### ADMISSION TO THE PROGRAM

The student must:

1. Hold the bachelor's degree or its equivalent in any field of study.
2. Possess a 3.0 or above on the undergraduate level or earn a GPA of 3.0 on his or her first 9 hours of graduate work.
3. Have completed all requirements needed for general admission to the Graduate School.
4. Take the GRE by the end of his or her first semester.

#### CORE COURSES: (Nine hours excluding Humanities 507 and 590 which are required of all MALA Degree Candidates).

HUM 500-Fact, Fiction, Faith: Problems and Perspectives .....	3
HUM 501-Two Modes of Thought .....	3
HUM 503-Art and Music as Expressive Media .....	3
HUM 505-Perspectives on Intercultural Communication ...	3
HUM 507-Proseminar in Writing .....	3
HUM 590-Culminating Project or Thesis .....	3

**NOTE:** For fine arts, literature, and humanities curricular concentration, students should see departmental advisor for further details.

#### GRADUATION REQUIREMENTS

In order to be graduated, a student must:

1. Earn a grade of "B" in HUM 507 Proseminar in Writing.
2. Complete 12 hours of core courses excluding Humanities 590.
3. Have a 3.0 or better grade point average.
4. Complete a minimum of 33 hours of course work.
5. Possess no more than 6 hours of "C" grades.

### MASTER OF ARTS (MAT) IN TEACHING THE SOCIAL SCIENCES

The major objective of the Master of Arts in Teaching in the Social Science degree program is to prepare students for the teaching profession in two year institutions in the various disciplines of social sciences. The Social Science Program also prepares students to pursue the terminal degree and promotes scholarship and research. It provides opportunities for teachers already in the field.

### ADMISSION TO THE PROGRAM

Requirements for admission to the MAT Program include the following:

1. Regular admission to the Graduate School.
2. Must hold a bachelor's degree from an accredited college or university in the United States or proof of equivalent training at a foreign university.
3. Must possess a 3.0 or above average on the undergraduate level.
4. Take the GRE by the end of his or her first semester.

### COURSE REQUIREMENTS

#### CORE COURSES

ENG 505 or HUM 507-Graduate Level Writing or Proseminar .....	3
SS 500-Seminar in the Social Sciences .....	3
SS 503-Social Issues in Education .....	3
SS 505-Trends and Strategies in the Social Sciences .....	3
SS 506-Research and Statistical Methods for Behavioral and Social Sciences .....	3
SS 531-Practicum I .....	3
SS 532-Practicum II .....	3
Total .....	21
EMPHASIS AREA .....	9
ELECTIVES IN AREA .....	9
<b>TOTAL</b> .....	<b>39</b>

**NOTE:** For history, political science, psychology, and sociology curricular emphasis, students should see departmental advisor for other requirements and specifics.

### GRADUATION REQUIREMENTS

In order to be graduated, a student must:

1. Earn a grade of "B" in HUM 507 Proseminar in Writing.
2. Complete 21 hours of core courses as stipulated by the MAT brochure.
3. Have a 3.0 or better grade point average.
4. Possess no more than six (6) hours of "C" grades.

### MASTER OF PUBLIC ADMINISTRATION (MPA) DEGREE

The major goals of the MPA program are to provide students with the intellectual insights, professional competence, and analytical techniques that will prepare them for services in public agencies and non-profit organizations. Also, to provide traditional students in Louisiana and other parts of the country, with the opportunity to upgrade their administrative skills and theoretical training.

#### ADMISSION TO THE PROGRAM

Requirements for admission to the MPA Program include the following:

1. Regular admission to the Graduate School.
2. Must hold a bachelor's degree from an accredited college or university in the United States or proof of equivalent training at a foreign university.
3. Must possess a 3.0 or above average on the undergraduate level.
4. Take the GRE or GMAT by the end of the first semester enrolled.

# GRADUATE PROGRAMS

## CORE COURSES

HUM 507-Proseminar.....	3
PA 500-Principles of Public Administration.....	3
PA 501-Research Methods/Data .....	3
PA 502-Organization Theory/Behavior .....	3
PA 503-Statistics in Public Sector .....	3
PA 504-Public Personnel Administration .....	3
PA 506-Public Budgeting/Financial Management .....	3
PA 553/554-Administrative Internship .....	6
Total.....	27
Concentration Area.....	12
Electives .....	6
TOTAL .....	45

## AREAS OF CONCENTRATION

A minimum of 45 credit hours is required. Student should see Departmental advisor for other requirements and specifics for each concentration area.

### CONCENTRATION IN PUBLIC MANAGEMENT

<b>Core Courses</b>	<b>12</b>
PA 508-Ethics and Accounting in Public Administration.....	3
PA 511-Leadership Concepts in Public Management .....	3
PA 512-Policy/Form/Implement/Evaluation .....	3
PA 513-Administrative Law.....	3

### CONCENTRATION IN STATE & LOCAL GOVERNMENT ADMINISTRATION

<b>Core Courses</b>	<b>12</b>
PA 510-Administration in State/Local Government .....	3
PA 513-Administrative Law.....	3
PA 514-City Management.....	3
PA 531-Fiscal Management for State/Local Government.....	3

### CONCENTRATION IN HUMAN RESOURCE MANAGEMENT

<b>Core Courses</b>	<b>12</b>
PA 508-Ethics and Accounting in Public Administration.....	3
PA 511-Leadership Concepts in Public Management .....	3
PA 524-Labor Management and Collective Bargaining .....	3
PA 527-Human Resource Management.....	3

### CONCENTRATION IN HEALTH SERVICES ADMINISTRATION

<b>Core Courses</b>	<b>12</b>
PA 540-Introduction to Health Service Problems .....	3
PA 542-Public Health Management .....	3
PA 543-Hospital Organization and Management .....	3
PA 547-Law and Public Health.....	3

## GRADUATION REQUIREMENTS

A student must meet all of the graduation requirements as established by the School of Graduate Studies, and meet the following MPA Program requirements.

1. Complete 45 hours of graduate credit with a minimum GPA of 3.00 ("B") which must include 27 hours of required MPA Program courses.
2. Must pass a written comprehensive examination following the completion of 30 hours of graduate credit hours including the 18 hours of core courses and at least 9 hours of specialization courses. Eligibility requirements to take the comprehensive examination are set forth in the Comprehensive Examination Guidelines. There is also a Master's Thesis Option in lieu of taking the comprehensive examination.

# GRADUATE PROGRAMS

## COLLEGE OF EDUCATION DEPARTMENT OF EDUCATIONAL LEADERSHIP

The Department of Educational Leadership offers graduate degrees in developmental education, educational leadership and curriculum and instruction. The master's and doctoral programs in developmental education prepare individuals as master teachers, administrators, curriculum specialists, instructional designers or student development specialists in developmental education and learning assistance programs in postsecondary education.

The university is a member of the Louisiana Education Consortium, a consortium of Grambling State University, Louisiana Tech University and the University of Louisiana at Monroe created in 1992 to serve the need for PK-12 educational leaders and curriculum specialists in North Louisiana. The consortium offers doctoral programs in curriculum and instruction and in educational leadership. The Department of Educational Leadership serves as the liaison department at Grambling for this collaborative effort that requires students to take courses at all three of the participating institutions.

Specific objectives of the department include:

1. preparing leaders and support personnel for schools, private industry, government, business and agencies sponsoring education-related activities.
2. providing instructional support services in educational psychology and curriculum development for College of Education and non-college majors.
3. preparing professionals in the field of developmental education for teaching and leadership roles in postsecondary and other human service settings.

### DEGREES OFFERED

The Department of Educational Leadership has responsibility for two graduate programs in developmental education; the Master of Science (M.S.) and the Doctor of Education (Ed.D.). A number of courses in these programs are offered online. As a home institution of the Louisiana Education Consortium, Doctor of Education degrees in educational leadership and curriculum and instruction are also offered.

### ADMISSION TO THE M. S. PROGRAM

Following admission to the Graduate School, the individual must submit to the Department of Educational Leadership an application for admission to the M. S. program. The application form is available in the departmental office. The completed application form should be returned along with any necessary supporting documentation. Applicants should secure three letters of recommendation that must be submitted to the department. Other needed documentation is secured by the department from the Graduate School. When an individual's application materials are complete, they are evaluated by the department's graduate admissions committee, and the student is notified of the committee's decision regarding admission to the M. S. program.

### REGULAR ADMISSION

- A baccalaureate degree from an accredited college or university.
- A minimum 2.5 GPA on the last degree earned.

- Acceptable GRE scores. (To be determined by graduate admissions committee.)

### CURRICULUM FOR MASTER OF SCIENCE WITH A MAJOR IN DEVELOPMENTAL EDUCATION

**TOTAL HOURS REQUIRED** **MINIMUM OF 36**

#### Major (15 Hrs.)

- DEED 543-Nature & Needs of Developmental Students...3
- DEED 544-Curriculum Design in Developmental Education...3
- DEED 545-Educational Measurement & Program Evaluation...3
- DEED 548-Field Instruction/Practicum in Dev. Ed. ....3
- EDL 555-Adult Learning & Development .....3

#### Research Methods and Statistics (6 Hrs.)

- EDL 549-Introduction to Techniques of Research.....3
- EDL 573-Educational Statistics .....3

#### OPTION AREA (9 Hrs.)

##### OPTION 1 – ENGLISH (9 Hrs.)

- DEED 575-Methods & Materials in Teaching  
Rhetoric & Lang. to Adult Learners .....3
- DEED 576-Problems in the Teaching of English.....3
- DEED 577-Analysis of Communicative Processes .....3
- DEED 613-Diagnosis & Education in the  
Teaching of English .....3

**(NOTE: May substitute graduate courses in the content area outside of the College of Education with approval of advisor and department head).**

##### OPTION 2 - GUIDANCE AND COUNSELING (9 Hrs.)

- DEED 578-Developmental Guidance: Group  
Procedures .....3
- DEED 579-Developmental Guidance: Basic  
Principles & Practices.....3
- DEED 580-Decision Making: Basic Principles  
& Theory .....3
- DEED 581-Guidance: Practicum in  
Postsecondary Settings.....3
- DEED 583-Principles & Administration of Guidance  
Services (Postsecondary) .....3
- ED 540-Guidance for Individuals with Special Needs.....3

**(NOTE: May substitute graduate courses in the content area outside of the College of Education with approval of advisor and department head).**

##### OPTION 3 – MATHEMATICS (9 Hrs.)

**(NOTE: The student must take 9 hours of graduate mathematics courses including a course in calculus).**

##### OPTION 4 – READING (9 Hrs.)

- DEED 547-Methods & Materials for Teaching  
Developmental Reading .....3
- DEED 556-Construction & Use of Tests in  
Teaching Reading/Math/Science.....3
- DEED 605-Curriculum Methods & Materials for  
Teaching Learning & Study Skills.....3
- DEED 606-Techniques for Teaching Specialized  
Reading Skills.....3

# GRADUATE PROGRAMS

**(NOTE: May substitute graduate courses in the content area outside of the College of Education with approval of advisor and department head).**

**OPTION 5 – SCIENCE (9 Hrs.)**  
 DEED 556-Construct. & Use of Tests in Teaching  
 Reading/Math/Science .....3

**(NOTE: May substitute graduate courses in the content area outside of the College of Education with approval of advisor and department head).**

**English Proficiency (3 Hrs.)\*\***  
 DEED 634-Professional Writing and  
 Reporting Practicum.....3  
 HUM 507-Proseminar in Writing .....3

\*\*May be satisfied by earning a score of 500 or more on the Verbal Section of the GRE.

**Electives (3 Hrs.)**  
 Appropriate course to be approved by advisor.

**Comprehensive Examination (0 Hr.)**  
 DEED 599-Master's Comprehensive Examination .....0

## ADMISSION TO THE DOCTORAL PROGRAMS

Following admission to the Graduate School, the individual must submit to the Department of Educational Leadership an application for admission to the Ed.D. program. The application form is available in the departmental office. The completed application form should be returned along with any necessary supporting documentation. Applicants must have three recommendations sent by appropriate individuals to the department. Other needed documentation is secured by the department from the Graduate School. When an individual's application materials are complete, they are evaluated by the department's graduate admissions committee, and the student is notified of the committee's decision regarding admission to the Ed.D. program. Applications to the LEC doctoral program are also reviewed and approved by the LEC Governing Board.

Upon applying to the program, a student will be assigned a temporary advisor. The purpose of temporary advisement is to provide the initial guidance that students need to make a successful start in their program. It also gives students time to become familiar with departmental faculty and the university and to determine the focus of their research interests. This time also may be used by students to select the faculty members who will be asked to serve on their doctoral committees. Specifically, the temporary advisor will assist students in understanding the registration process, understanding program admission requirements and scheduling initial classes.

### GSU REGULAR ADMISSION

- A master's degree from an accredited college or university.
- A minimum 3.0 GPA on the last degree earned.
- A minimum GRE score of 1000 (V/Q) or 1500 (V/Q/AA).

### GSU PROVISIONAL ADMISSION

- A master's degree from an accredited college or university.
- A minimum 3.0 GPA on the last degree earned.

- Acceptable GRE scores as defined by the department.
- Evidence of compensating strengths as defined by the department and evaluated by the admissions committee.

The status of a student admitted provisionally is reevaluated after 12 hours of work have been completed. If the GPA on the 12 hours of credit is 3.5 or better, the provisional status is removed and the student is granted regular standing. If the GPA is less than 3.5, the student is dismissed from the program.

### LEC REGULAR ADMISSION

Regular status admission to the doctoral program is based upon the following criteria:

- A master's degree from an accredited institution in an area related to one of the proposed programs.
- A minimum cumulative undergraduate GPA of at least 2.75 and a minimum graduate GPA of at least 3.25 based upon a 4.0 scale).
- A graduate record examination (GRE) minimum score of 1000 (verbal and quantitative) or 1500 (verbal, quantitative, and analytical).
- Teaching and or administrative experience in a K-12 or similar educational setting.
- A valid teaching certificate.
- Three letters of recommendation attesting to applicant's character, teaching/administrative performance, and potential academic ability to perform on the doctoral level.
- Finalists will be required to participate in a personal interview before a doctoral admissions committee.

### LEC CONDITIONAL ADMISSION

Students admitted under this status must maintain a minimum 3.5 GPA until satisfactory completion of the preliminary examination.

### DOCTOR OF EDUCATION DEGREE WITH A MAJOR IN DEVELOPMENTAL EDUCATION

This program is designed to prepare researchers, practitioners and leaders for postsecondary education, business, industry, government, and human services. Developmental educators work both in the traditional classroom and in the workplace, using a variety of skills, including counseling, administration, management, and instructional design and training to help the nontraditional learner.

### MAJOR (24 Hrs.)

DEED 549-Seminar: Problems & Issues in  
 Developmental Education .....3  
 DEED 600-Advanced Studies of  
 the Developmental Learner .....3  
 DEED 607-Learning Support Centers in  
 Higher Education .....3  
 DEED 631-Survey of Nontraditional Students in  
 Postsecondary Institutions .....3  
 DEED 649-History & Philosophy of  
 Higher Education.....3  
 DEED 726-Research in Developmental Education.....3  
 DEED 792-Advanced Program Evaluation .....3

### Selection of a MINIMUM of ONE (1) course from the following:

DEED 705-Applied Psychology of Learning .....3  
 DEED 793-Advanced Curriculum Development .....3



# GRADUATE PROGRAMS

**OPTION AREA (15 Hrs.)**

**OPTION 1 - CURRICULUM & INSTRUCTION – READING (15 Hrs.)**

- DEED 605-Curriculum Methods & Materials for Teaching, Learning & Study Skills.....3
- DEED 606-Techniques for Teaching Specialized Reading Skills.....3
- DEED 623-The Application of Research to Programs & Materials Development & Evaluation.....3
- DEED 633-Design, Development & Implementation of Staff Development Activities.....3
- DEED 704-Theories of Instructional Design & Development .....3
- DEED 706-Curriculum in Higher Education .....3
- DEED 709-Instructional Development.....3
- DEED 717-College Teaching: Advanced Practice and Seminar .....3
- DEED 725-Measuring Curriculum & Instruction.....3

**OPTION 2 - INSTRUCTIONAL SYSTEMS & TECHNOLOGY (15 Hrs.)**

- DEED 621-Instructional Systems Design.....3
- DEED 704-Theories and Models of Instructional Design...3
- DEED 709-Instructional Development.....3
- DEED 710-Seminar in Instructional Technology .....3
- DEED 720-Introduction to Research in Instructional Technology .....3
- DEED 729-Practicum: Instructional Technology .....3

**OPTION 3 - HIGHER EDUCATION ADMINISTRATION & MANAGEMENT (15 Hrs.)**

- DEED 602-Managing Educational Change.....3
- DEED 622-Administration of Postsecondary Developmental Programs and Services.....3
- DEED 660-Organization & Administration of Higher Education.....3
- DEED 702-Cultural Pluralism in Higher Education .....3
- DEED 712-Institutional Decision-Making .....3
- DEED 713-Fiscal & Business Affairs in Higher Education .....3
- DEED 714-Higher Education Policy Studies.....3
- DEED 719-Two-Year Institutions in America.....3

**OPTION 4 - STUDENT DEVELOPMENT & PERSONNEL SERVICES (15 Hrs.)**

- DEED 617-Seminar: Current Trends & Issues in Counseling Developmental Learners .....3
- DEED 701-Theories of Student Development & Personnel Affairs .....3
- DEED 708-Methods & Techniques of Student Development & Personnel Affairs .....3
- DEED 711-Practicum: Student Development & Personnel Services .....3
- DEED 715-Student Personnel Affairs: Problems & Issues .....3
- DEED 718-Management of Student Organizations & Events.....3

**Electives (6 Hrs.)**  
(Selected from transfer or other GSU graduate courses)

**English Proficiency (3 Hrs.)\*\***

- HUM 507-Proseminar in Writing .....3
- DEED 634-Professional Writing and Reporting Practicum .....3

\*\*May be satisfied by earning a score of 500 or more on the Verbal Section of the GRE.

**Evaluation and Research (9 Hrs.)**

- DEED 643-Intermediate Statistics.....3
- DEED 728-Advanced Research Design .....3
- DEED 735-Advanced Statistics or
- DEED 736-Qualitative Research Methods.....3

**Qualifying Examination (0 Hr.)**

- DEED 750-Qualifying Examination .....0

**Internship (3 Hrs.)**

- DEED 734-Internship .....3

(Placement determined by option)

**Comprehensive Examination (0 Hr.)**

- DEED 799-Doctoral Comprehensive Examination.....0

**Dissertation Preparation (Minimum of 6 Hrs.)**

- DEED 796-Dissertation Preparation (P/F Grade Only)...3-6

**Dissertation Defense (0 Hr.)**

- DEED 800-Dissertation Defense (P/F-N/C Grade Only)....0

TOTAL 66

**DOCTOR OF EDUCATION DEGREE WITH A MAJOR IN CURRICULUM AND INSTRUCTION OR EDUCATIONAL LEADERSHIP**

The Ed.D. is conceptualized as a terminal degree program for scholar-practitioners in PK-12 school settings who understand and address school problems and needs from a holistic perspective. The practitioner's degree is a solid, rigorous academic program of coursework, practical experiences and research pursuits designed primarily for school personnel dedicated to improvement in learning of children and youth. Graduates from this program will possess the knowledge, skills, attitudes, and other competencies necessary to fill leadership gaps in PK-12 school settings as explicated in the expected outcomes for each program component. Graduates will be prepared to fill newly created and emerging positions as curriculum development specialists, staff development specialists, consultants, lead teachers, mentor teachers, curriculum coordinators, clinical professors, adjunct professors, instructional supervisors, division chairpersons, principals, superintendents, and other leadership roles at school and school district levels.

This program is a cooperative academic venture between Grambling State University, Louisiana Tech University and University of Louisiana at Monroe and is coordinated through the Louisiana Education Consortium Governing Board. The Departments of Educational Leadership and Teacher Education are responsible for the administration of this consortium doctorate program in association with the Louisiana Education Consortium Governing Board.

# GRADUATE PROGRAMS

## CURRICULUM AND INSTRUCTION

### Foundations Core (12 Hrs.)

LEC 700-Introduction to Doctoral Research Design (TECH) .....	3
LEC 701-Utilizing Technology for Statistical Analysis in Education (ULM) .....	3
LEC 702-Evaluation Theory & Practice (ULM) .....	3
LEC 703-Qualitative Research in Education (TECH) .....	3
LEC 704-Sociocultural Issues in Education (GSU) .....	3

### Core Courses (18 Hrs.)

LEC 705-Problem-Solving & Decision Making (TECH) .....	3
LEC 706-Interpersonal Communication & Conflict Resolution (ULM) .....	3
LEC 707-Curriculum Theory & Design (GSU) .....	3
LEC 708-Models of Teaching: Theories & Application (ULM) .....	3
LEC 709-Research on Effective Teaching & Learning (TECH) .....	3
LEC 710-Foundations & Procedures for Professional Development (TECH) .....	3

### Cognate Courses (9 Hrs.)

### Elective (3 Hrs.)

### Internship (6 Hrs.)

LEC 776-Doctoral Internship Seminar (GSU) .....	3
LEC 777-Internship (All) .....	3

### Research Design/Dissertation (9 Hrs.)

LEC 799-Dissertation (All) .....	9
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TOTAL 60

## EDUCATIONAL LEADERSHIP

### Foundations Core (12 Hrs.)

LEC 701-Utilizing Technology for Statistical Analysis in Education (ULM) .....	3
LEC 702-Evaluation Theory & Practice (ULM) .....	3
LEC 703-Qualitative Research in Education (TECH) .....	3
LEC 704-Sociocultural Issues in Education (GSU) .....	3

### Core Courses (18 Hrs.)

LEC 705-Problem Solving and Decision Making (TECH) .....	3
LEC 706-Interpersonal Communication & Conflict Resolution (ULM) .....	3
LEC 711-Advanced Theory & Research in Educational Leadership (TECH) .....	3
LEC 712-Advanced Principals of Organization & Administration of Schools (GSU) .....	3
LEC 713-Foundations of Human Resource Development (ULM) .....	3
LEC 714-Policy Analysis and Power Structure (GSU) .....	3

### Cognate Courses (9 Hrs.)

### Elective (3 Hrs.)

### Internship (6 Hrs.)

LEC 776-Doctoral Internship Seminar (GSU) .....	3
LEC 777-Internship (All) .....	3

### RESEARCH DESIGN/DISSERTATION (9 HRS.)

LEC 799-Dissertation (All) .....	9
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TOTAL 60

## DEPARTMENT OF TEACHER EDUCATION

### MASTER OF SCIENCE DEGREE

The mission of the College of Education is to provide quality teaching and learning which advances life-long learning and human experiences for teachers and other school personnel. The teacher candidates integrate technology while utilizing knowledge, skills, and dispositions reflective to standards specified by the university, state boards of education, national professional organizations, and accrediting bodies. These proficiencies are demonstrated in PK-12 settings with the goal of impacting students in diverse groups in local, state, and global societies.

Designed collaboratively with local school districts and the Colleges of Arts and Sciences, content areas of the redesigned program are integrated, refined, and aligned with the Louisiana Components of Effective Teaching to ensure that all teacher candidates receive the highest quality of instruction and practical experiences. More importantly, these units strive to assure that teacher candidates possess and demonstrate the skills, knowledge, and competencies for designing, demonstrating, and evaluating effective instructional activities/programs. In this effort, the home and community will also assist the unit in providing support and nurturance for teacher candidates who are certified, qualified, and able to assume leading roles in helping all students to learn. This mission is consistent with Grambling State University's mission to achieve excellence in higher education through teaching, research, and service.

The College of Education, like the university, is committed to enhancing service to the community and state by preparing certified teacher candidates who are scholars, teachers, learners, and nurturers. To provide leadership in achieving this mission, the unit seeks to produce teachers who are:

1. Preparers of subject matter scholars.  
 Knowledgeable with regard to content and pedagogy;  
 Able to demonstrate and assist students in the mastery of content using appropriate technology;  
 Able to demonstrate an acceptable level of teaching competency in their major areas by planning, delivering, and assessing appropriate instruction;  
 Able to demonstrate the interrelationship of disciplines; and  
 Able to integrate technology effectively in the teaching and learning process.
2. Facilitators of learning.  
 Able to accommodate the needs of diverse learners;  
 Committed to keeping abreast of new ideas and research in their fields;  
 Able to encourage students' development of critical thinking and problem solving skills; and  
 Able to organize and manage resources of time, space, and materials and maximize the amount of time spent on learning.
3. Enhancers and nurturers of affective behaviors.  
 Sensitive to different learning styles;  
 Able to demonstrate sensitivity to cultural and linguistic backgrounds of families from diverse populations;  
 Able to create a classroom climate conducive to learning;  
 Able to foster school, family, and community partnerships;  
 Prepared to advocate healthy, mental, physical, and social lifestyles; and  
 Energized to encourage mutual respect among students and teachers.
4. Catalysts for change.  
 Facilitators for school improvement

# GRADUATE PROGRAMS

Implementors of best practices  
 Skilled action researchers  
 Translators of research findings  
 Implementors of reading specific to content area  
 Advocates for literacy and numeracy across the curriculum  
 The mission, goals, field experiences, coursework, candidate outcomes, assessment, technology integration, and work with diverse groups are congruent with the unit's conceptual framework as specified not only by NCATE 2000 but also by the Interstate New Teacher Assessment and Support Consortium (INTASC), National Board for Professional Teaching Standards (NBPTS), and other professional organizations.

The redesigned master's program in elementary/early childhood education is an offering of the College of Education, Department of Teacher Education as an advanced degree program which allows candidates to enhance their knowledge and to advance their leadership skills in the areas in which they are currently certified to teach. The program is designed to help certified teachers meet the requirements to be "highly qualified" as defined by the No Child Left Behind (NCLB) federal legislation and specifically to obtain a master's degree in a content area. The NCLB act serves as the basis for the design and organization of the program. With the triangular configuration of curricula, instruction, and field-based experiences, the objectives of the program are met. Guided by state standards, national accrediting agencies, the Louisiana Blue Ribbon Commission and the Louisiana Board of Elementary and Secondary Education (BESE), the curriculum focuses on three critical areas: reading, special education and technology. All courses are based on findings of empirical research related to the content. Emphasis is placed on inquiry-based approaches to learning. All candidates complete 18 hours of core courses, 9 hours of specialized core, and 3 hours of special projects. Those choosing a thesis option complete 3 hours of master's thesis and 3 hours of selective courses. For the non-thesis option, candidates choose 6 hours of selective courses.

## Non-Thesis Option

### Fall 1

- ED 520-Advanced Child Psychology .....3
- ED 532-Leadership Seminar .....1
- HUM 507-Pro-seminar or DEED 634  
Professional Writing and Reporting Practicum .....3

### Spring 1

- ED 530-Technology Integration for Learning & Teaching ....3
- ED 532-Leadership Seminar .....1
- Select one course from specialization .....3

### Fall 2

- ED 532-Leadership Seminar .....1
- ED 549-Introduction to Techniques of Research .....3
- Select one course from specialization .....3

### Spring 2

- ED 545-Assessment & Evaluation in Elementary & Early Childhood Education .....3
- ED 572-School Improvement for Professional Development .....3
- Select one course from specialization .....3

### Summer 1

- ED 599-Comprehensive Examination .....0
- Select one course from Selective Courses .....3
- Select one course from Selective Courses .....3

## Selective Courses

- ED 525 Trends and Strategies in Multi-Cultural Education .....3
- ED 539 Problems of School Discipline or ED 538-Parent Education or ED 515-Programs and Methods for Young Children .....3

## Specialization - Technology

### Select three (3) of the following courses

- ED 533-Design and Development of Multimedia Instructional Unit .....3
- ED 536-Educational Telecommunications, Network and the Internet .....3
- ED 543-Technology Leadership in Schools .....3

## Specialization - Special Education (Mild/Moderate)

### Select three (3) of the following courses

- ED 501-Education and Exceptional Children .....3
- SPED 526-A Study of the Education of Students with Mild/Moderate Disabilities .....3
- SPED 527-Mental Tests and Measurement Practicum .....3
- SPED 542-Methods and Materials for Teaching Children with Learning and Behavior Problems .....3
- SPED 576-Consulting Teaching Strategies .....3

## Specialization - Reading

### Select three (3) of the following courses

- ED 504-Reading for Children .....3
- ED 505-Analysis of Reading Difficulties .....3
- ED 507-Teaching Reading in the Middle, Junior, Senior High School .....3
- ED 508-Literature for Children and Youth .....3
- ED 510-Language Development in Children .....3

## Thesis Option

### Fall 1

- ED 520-Advanced Child Psychology .....3
- ED 532-Leadership Seminar .....1
- HUM 507-Pro-seminar or DEED 634  
Professional Writing and Reporting Practicum .....3

### Spring 1

- ED 530-Technology Integration for Learning & Teaching ....3
- ED 532-Leadership Seminar .....1
- Select one course from specialization .....3

### Fall 2

- ED 532-Leadership Seminar .....1
- ED 549-Introduction to Techniques of Research .....3
- Select one course from specialization .....3

### Spring 2

- ED 545-Assessment & Evaluation in Elementary & Early Childhood Education .....3
- ED 572-School Improvement for Professional Development .....3
- Select one course from specialization .....3

### Summer 1

- ED 561-Master's Thesis .....3
- ED 599-Comprehensive Examination .....0
- Select one course from Selective Courses .....3

# GRADUATE PROGRAMS

## Selective Courses

- ED 525-Trends and Strategies in Multi-Cultural Education .3
- ED 539-Problems of School Discipline or  
ED 538- Parent Education or ED 515-  
Programs and Methods for Young Children.....3

## Specialization - Technology

### Select three (3) of the following courses

- ED 533-Design and Development of  
Multimedia Instructional Unit.....3
- ED 536-Educational Telecommunications,  
Network and the Internet .....3
- ED 543-Technology Leadership in Schools.....3

## Specialization - Special Education (Mild/Moderate)

### Select three (3) of the following courses

- ED 501-Education and Exceptional Children .....3
- SPED 526-A Study of the Education of Students  
with Mild/Moderate Disabilities .....3
- SPED 527-Mental Tests and Measurement Practicum .....3
- SPED 542-Methods and Materials for Teaching  
Children with Learning and Behavior Problems .....3
- SPED 576-Consulting Teaching Strategies .....3

## Specialization - Reading

### Select three (3) of the following courses

- ED 504-Reading for Children.....3
- ED 505-Analysis of Reading Difficulties .....3
- ED 507-Teaching Reading in the Middle,  
Junior, Senior High School .....3
- ED 508-Literature for Children and Youth.....3
- ED 510-Language Development in Children.....3

## DEPARTMENT OF KINESIOLOGY, SPORT AND LEISURE STUDIES

### SPORT ADMINISTRATION CURRICULUM

The purpose of the department at the graduate level is to serve as an information resource for sport administration. The program is designed to offer students the opportunity to study principles, practices and procedures utilized in sport and recreation professions in terms of management, administration and supervision of human resources, facilities, programs, events and related areas. The department seeks to provide learning experiences and hands-on activities essential for the preparation of competent, skilled students to enter career fields in middle management positions in sport, athletics, recreation and/or educational agencies and be successful. Graduates may become coaches, subject-field university/college instructors and or professors, leisure service providers, content specialists, consultants or administrators of professional, semi-professional or amateur sport/athletic, recreation, allied health or educational programs.

The general objectives are (1) to prepare students to assume leadership roles in sport, recreation, education and related sub-

ject fields; (2) to provide for the acquisition of knowledge and skills relative to the nature, scope and practice of sport administration; (3) to develop an awareness of program development, implementation and evaluation in sport administration; (4) to render service and expertise to the citizenry of Lincoln and surrounding parishes, and to national and international constituencies dedicated to raising the standard of professionalism and the quality of education; (5) to strengthen the graduate academic program by incorporating and utilizing existing information technologies; (6) to create and achieve excellence in the academic program through faculty and student research activities and other scholarly endeavors; (7) to instill a sense of need for continued development through professional involvement in organizations at the local, state, district, national and international levels; and (8) to maintain excellence of the academic program via compliance with standards of the subject field accreditation agency.

Selected graduate courses are also available in therapeutic recreation. Consult the sport administration graduate advisor.

### Core Courses(30 Hrs.)

- SPA 499-Preliminary Examination.....0
- SPA 501-Legal Aspects .....3
- SPA 502-Sport Finance .....3
- SPA 505-Introduction to Sport Administration .....3
- SPA 509-Sport Governance .....3
- SPA 511-Technical and Sport Writing or  
HUM 507-Proseminar.....3
- SPA 513-Internship.....9
- SPA 514-Research Methods .....3
- SPA 517-Marketing.....3
- SPA 518-Ethical Issues .....3
- SPA 599-Comprehensive Examination .....3

### Elective Courses(6 Hrs.)

- SPA 500-Facilities Management .....3
- SPA 504-Introduction to Personnel Administration.....3
- SPA 506-Telecommunications .....3
- SPA 508-Sport Psychology .....3
- SPA 510-Sport Statistics .....3
- SPA 511-Sport Writing .....3
- SPA 512-Leadership Dynamics.....3
- SPA 515-Independent Study .....3
- SPA 516-Sport Nutrition .....3
- SPA 519-Academic/Athletic Counseling.....3
- SPA 520-Labor Relations and Sport .....3
- SPA 521-Sport Medicine/Theory of Athletic Injury .....3
- SPA 522-Historical Foundations of Modern Sport.....3
- SPA 525-Computer Based Application in SPA .....3
- SPA 526-Sport Fitness/Health.....3
- SPA 560-Special Topics in SPA .....3
- TR 505-Recreational & Leisure Services for  
Special Populations.....3
- TR 506-Program Development & Evaluation in TR .....3
- TR 507-History & Philosophy of TR .....3
- TR 508-Treatment of Disabling Conditions .....3
- TR 509-Therapeutic Recreation Internship.....3

# GRADUATE PROGRAMS

## COLLEGE OF PROFESSIONAL STUDIES

### SCHOOL OF NURSING

#### MASTER OF SCIENCE IN NURSING

The GSU graduate nursing program was approved by the Louisiana Board of Regents to begin offering a program of study leading to a Master of Science in Nursing degree in the Fall of 1997. The program was re-accredited by the National League for Nursing Accrediting Commission (NLNAC) in 2004 for an eight year period. Questions concerning the accreditation of the program may be addressed to

NLNAC  
61 Broadway, 33rd Floor  
New York, New York 10006  
212-363-5555

**The Family Nurse Practitioner Option.** Upon completion of this program of study, the graduate will be eligible to take a national certification examination and obtain advanced practice licensure.

There are certificate programs available under the Family Nurse Practitioner Option for qualified candidates.

**The Nurse Educator Option.** This program of study will prepare graduate nurses for the education role in college and university settings, as well as staff development in hospitals and health care agencies.

#### ADMISSION REQUIREMENTS

Applicants for admission to the Graduate Nursing Program are required to meet the following requirements:

1. Gain regular admission to the School of Graduate Studies at Grambling State University.
2. Apply for admission to the graduate nursing program.
3. Shows evidence of completion of a baccalaureate degree in nursing from a program accredited by NLN.
4. Have a cumulative GPA of 3.0 on 4.0 scale.
5. Provide official transcripts of all colleges and universities attended.
6. Provide official record of GRE scores: minimum of 450 on individual sections: must have been taken within 5 years of admission into graduate program.
7. Show evidence of completion of health assessment course taught in an accredited nursing program with a grade of "C" or better.
8. Show evidence of completion of statistics course with a grade of "C" or better.
9. Show evidence of minimum work experience as an RN of two years.
10. Provide three letters of recommendation from professional or academic references received by the School of Nursing and the School of Graduate Studies.
11. Take graduate level writing course (NUR 500, HUM 507, or ENG 505), or acceptable substitute approved by the School of Graduate Studies.
12. Complete personal interview with graduate nursing faculty.

#### ADMISSION PROCEDURE

Applicants for admission must submit all of the required documents to the School of Nursing as well as those applicable to the School of Graduate Studies by **May 15** for fall admissions. Applicants should contact the School of Nursing graduate pro-

gram to arrange for a personal interview prior to the application deadline.

After **May 15**, all applicants will be ranked to determine those who will be selected for admission to the next Fall semester class. Ranking is based on a statistical formula which includes the applicant's GRE score, the cumulative GPA, and the score obtained from the personal interview. Applicants accepted for admission will be notified by mail and asked to provide written intent of their plans to proceed with enrollment in the fall semester.

#### CORE COURSES

NUR 501 Advanced Nursing Science Theory .....	3
NUR 503 Advanced Nursing Research.....	3
NUR 505 Advanced Pathophysiology .....	3
NUR 580 Research Project.....	3
or + Elective .....	2
NUR 590 Thesis.....	3+2
Total.....	14

#### FAMILY NURSE PRACTITIONER OPTION COURSES

NUR 540 NP: Advanced Health Assessment.....	3
NUR 541 Nurse Practitioner Role I.....	1
NUR 542 NP: Advanced Health Management I.....	4
NUR 543 Rural Health/Community Issues.....	3
NUR 544 NP: Advanced Health Management II .....	4
NUR 545 Family Dynamics .....	3
NUR 546 NP: Advanced Health Management III .....	6
NUR 547 Nurse Practitioner Role II .....	1
NUR 548 NP: Advanced Health Management IV.....	7
NUR 552 Advanced Pharmacotherapeutics.....	3
NUR 599 Comprehensive Examination .....	0
Total.....	35

The full time program is twenty-one months in length and requires 49 graduate credit hours for a master's degree. Transfer credits may be accepted with the approval of the Dean of the School of Nursing. Classes meet two days every other week or one day each week. Clinical experiences are arranged in the learner's geographic area by clinical faculty.

Family Nurse Practitioner students learn to utilize a holistic approach to client care, incorporating data assimilated from assessment of physical, mental, social, spiritual, and family systems of the client. Nursing theory and research provide a foundation for the development and integration of theoretical frameworks of practice for students matriculating through the program. Graduates are prepared for advanced practice nursing roles which will enable the graduate to engage in primary health care practice of families and individual clients upon completion of the program.

#### GRADUATION REQUIREMENTS: FNP OPTION

1. A 3.0 or better overall grade point average in all work pursued as a graduate student and grades of "A" or "B" in each of the clinical courses (NUR 540, NUR 542, NUR 544, NUR 546, and NUR 548).
2. Admission to candidacy.
3. Successful completion of written and oral comprehensive examinations.
4. Successful completion of research project or thesis.
5. Completion of required clinical hours.

#### Clinical Requirements

Prior to beginning clinical rotations in any of the MSN Options, the graduate student must provide written documentation of the following:

# GRADUATE PROGRAMS

1. Current unencumbered RN licensure.
2. Current malpractice insurance coverage.
3. CPR Certification
4. TB skin test/or chest x-ray report
5. Hepatitis B series or declination letter.
6. Current immunization status.
7. Physical examination within past 12 months.

## POST MASTER'S CERTIFICATE FNP CURRICULUM PLAN

The post master's certificate FNP Option is designed for nurses who currently hold an earned MSN degree in some other area of specialty, such as Nurse Educator, Nurse Administrator, or Clinical Nurse Specialist. Completion of this curriculum would enable the graduate to seek employment as a family nurse practitioner. Admission procedures and requirements are the same as those listed above for the FNP Option. The following is the curriculum plan for this Post Master's Certificate Option:

Fall	Credit Hrs
NUR 505 Adv Pathophysiology .....	3
NUR 540 NP: Adv Health Assessment .....	3
NUR 541 NP: Role I .....	<u>1</u>
Total.....	7

Spring	
NUR 542 NP: Adv Health Management I .....	4
NUR 552 Adv Pharmacotherapeutics .....	<u>3</u>
Total.....	7

Summer	
NUR 543 Rural Health .....	3
NUR 544 NP: Adv Health Management II .....	4
NUR 545 Family Dynamics .....	<u>3</u>
Total.....	10

Fall	
NUR 546 NP: Adv Health Management III .....	<u>6</u>
Total.....	6

Spring	
NUR 547 NP: Role II.....	1
NUR 548 NP: Adv Health Management IV .....	<u>7</u>
Total.....	8

TOTAL 38

\*If earned credit in pathophysiology is older than 5 years, students will be required to audit NUR 505

## POST CERTIFICATION FAMILY NURSE PRACTITIONER PROGRAM

This curriculum plan is designed for nurses who currently hold an earned MSN degree with preparation as a nurse practitioner in some specialty area other than family (adult nurse practitioner, pediatric NP, women's health NP, etc).

Completion of this curriculum plan would enable nurse practitioners to seek national certification as a family nurse practitioner and broaden their scope of practice to include family care. Graduate students will be required to complete 18-20 credit hours, depending on their previous nurse practitioner clinical specialty and educational background.

### Adult Nurse Practitioner (ANP) to Family Nurse Practitioner (FNP)

Course	Credit Hours
NUR 54-NP: Adv Health Management II.....	4
NUR 545-Family Dynamics.....	3
NUR 546-NP: Adv Health Management III.....	6
NUR 548-NP: Adv Health Management IV .....	<u>7</u>
Total.....	20

### Women's Health Practitioner (WHNP) to Family Nurse Practitioner (FNP)

Course	Credit Hours
NUR 542-NP: Adv Health Management I.....	4
NUR 545-Family Dynamics.....	3
NUR 546-NP: Adv Health Management III.....	6
NUR 548-NP: Adv Health Management IV .....	<u>7</u>
Total.....	20

### Pediatric Nurse Practitioner (PNP) to Family Nurse Practitioner (FNP)

Course	Credit Hours
NUR 542-NP: Adv Health Management I.....	4
NUR 544-NP: Adv Health Management II.....	4
NUR 545-Family Dynamics.....	3
NUR 548-NP: Adv Health Management IV .....	<u>7</u>
Total.....	18

## THE NURSE EDUCATOR OPTION

The Nurse Educator Option leads to the attainment of the Master of Science in Nursing (MSN) degree. Graduate students may elect one of two clinical foci for their course of study: Adult/Geriatric or Maternal/Child. Graduates of the Nurse Educator Option will be prepared for employment in university schools of nursing as well as acute and long term care staff development positions.

Requirements for admission are the same as previously cited. Admission procedures are the same as listed above. The curriculum plans are as listed below:

### NURSE EDUCATOR OPTION Clinical Focus: ADULT/GERIATRIC

Fall Semester	Credit Hours
NUR 501-Adv Nursing Science Theory .....	3
NUR 505-Adv Pathophysiology.....	3
NUR 530-Educational Foundations.....	3
NUR 535-Nurse Educator Role I.....	<u>1</u>
Total.....	10

Spring Semester	
NUR 503-Adv Nursing Research .....	3
NUR 514-Adult/Geriatric Health I.....	4
NUR 532-Curriculum Development for Nsg.....	<u>3</u>
Total.....	10

Summer Semester	
NUR 507-Issues & Trends in Nursing.....	<u>3</u>
Total.....	3

Fall Semester	
NUR 516-Adult Health II.....	4
NUR 534-Teaching Methodologies .....	3
NUR 590-Thesis.....	<u>3</u>
Total.....	10

GRADUATE PROGRAMS

# GRADUATE PROGRAMS

<b>Spring Semester</b>	
NUR 536-Practicum .....	3
NUR 590-Thesis.....	3
NUR 599-Comprehension Exam.....	0
Total .....	6
<b>TOTAL</b>	<b>39</b>

## NURSE EDUCATOR OPTION Clinical Focus: MATERNAL CHILD

<b>Fall Semester</b>	<b>Credit Hours</b>
NUR 501-Adv Nursing Science Theory .....	3
NUR 505-Adv Pathophysiology.....	3
NUR 530-Educational Foundations.....	3
NUR 533-Nurse Educator Role I.....	1
Total .....	10

<b>Spring Semester</b>	
NUR 503-Adv Nursing Research .....	3
NUR 510-Women's Health .....	4
NUR 532-Curriculum Development.....	3
Total .....	10

<b>Summer Semester</b>	
NUR 507-Issues & Trends in Nursing.....	3
Total .....	3

<b>Fall Semester</b>	
NUR 512-Pediatric Health.....	4
NUR 534-Teaching Methodologies .....	3
NUR 590-Thesis.....	3
Total .....	10

<b>Spring Semester</b>	
NUR 536-Practicum in Nursing Education.....	3
NUR 590-Thesis.....	3
NUR 599-Comprehension Examination.....	0
Total .....	6
<b>TOTAL</b>	<b>39</b>

## SCHOOL OF SOCIAL WORK MASTER OF SOCIAL WORK (MSW)

The mission of the MSW Program at Grambling State University is consistent with the mission of the School of Social Work and the mission of the University. Specifically, the MSW program's mission is to provide graduate social work education to all students. The program continues its emphasis on African-Americans, rural populations and social work strategies designed to improve the conditions of people residing in North Central Louisiana. The primary purpose of the MSW program at Grambling State University is to prepare students for autonomous professional social work in direct practice.

The goals of the School of Social Work are to (1) prepare individuals for generalist practice in public and private human service agencies, and prepare individuals for autonomous delivery of professional social work services at an advanced level in direct practice; (2) prepare individuals to develop a commitment to the enhancement of human well-being and to the alleviation of human suffering in North Central Louisiana; (3) prepare individuals who will be able to assist the poor, oppressed populations, especially African-Americans and rural inhabitants of North Central Louisiana, in reaching the highest possible level of social functioning; (4) prepare individuals to integrate and demonstrate the ethics and values of the social work profession in serving

people of diverse backgrounds; (5) provide faculty and students with opportunities for research and scholarship; and (6) provide quality educational programs that will attract individuals of all ethnic backgrounds interested in pursuing professional social work education.

**MSW Program Goals are to:** (1) prepare individuals for autonomous advanced practice with individuals, families, small groups, communities, and organizations; (2) provide students with advanced knowledge in the methods of direct practice; (3) promote student development of a professional social work identity which incorporates the ethics and values of the profession; (4) prepare individuals for practice with diverse and oppressed groups and with populations-at-risk especially the rural and African-American populations in North Central Louisiana; (5) prepare individuals to link social work research with practice, especially in evaluation of their own practice; and (6) prepare individuals for lifelong learning and critical thinking through an educational process combining a liberal arts perspective, professional social work foundation, and advanced concentration knowledge.

Thus, the MSW curriculum is designed with a person-in-environment approach based upon a foundation of liberal arts, social systems, and problem-solving theories. Special attention is given to the mastery of practices attendant to the African-American, rural populations of North Central Louisiana, and to the human diversity and pluralism in today's American Society. **The Master of Social Work (MSW) program is accredited by the Commission on Accreditation of the Council on Social Work Education.**

### FIELD INSTRUCTION

A critical component of the graduate social work program is an intensive field experience. Students are required to complete a minimum of 900 clock hours of field instruction which consists of a minimum of two (2) days per week, eight (8) hours per day for four (4) semesters of field experience at a pre-approved site with either health care or mental health facilities or other social service agencies. Each semester a minimum of 225 clock hours must be completed. Field instructors for the field practicum will be social work practitioners who have met preestablished criteria and work in various North Central Louisiana agencies. Each field placement assignment is for two (2) semesters. A mandatory, monthly field seminar is required for advanced (second year) students.

Because of the geographic area of North Central Louisiana, students may be required to commute an hour one way to a field placement. It is the responsibility of the student to make transportation arrangements to their field agencies. Attempts will be made to place students in close proximity to their home base without compromising field placements. **One's place of employment is not an allowable field placement.**

### FEES

In addition to fees set by the university, the School also requires a field instruction fee of \$50 for each course in field instruction. The fee is required to defray the cost of student liability insurance and supervision. This fee is due at registration during the semester the student enrolls in field instruction.

### ADMISSION REQUIREMENTS

Applicants for admission to the MSW Program are required to submit the following information:

1. Application to Graduate Studies.
2. Application to the School of Social Work.
3. Evidence of completion of a baccalaureate degree with a cumulative grade point average (GPA) of 3.0 (Baccalaureate study should include `36 credit hours of liberal arts

# GRADUATE PROGRAMS

courses including introductory courses in Statistics and Human Biology).

4. A type-written autobiographical statement that gives evidence that the applicant possesses personal qualities essential for the social work helping profession.
5. Three (3) letters of reference.
6. Scores on the Graduate Record Examination (GRE).
7. Completed Field Application.
8. Interview.

The conditional admission requirements of graduate studies will be followed. Selection for admission is determined by the quality of the total application, academic record, personal references, autobiographical statement, and human service experience. Primary emphasis is placed on the selection of students who are well motivated and who have the maturity, personal qualities and intellectual capacity for successful practice in the field of social work.

## ADVANCED STANDING STATUS REQUIREMENTS

Applicants who have received:

1. A baccalaureate degree in Social Work from an undergraduate Social Work Program accredited by the Council of Social Work Education.
2. A 3.0 or better overall grade point average may be admitted to the Advanced Standing Program with the following criteria:
  - a. Degree received within last 6 years
  - b. Must be full-time
  - c. Attend summer session.
3. Students admitted to this program will be required to attend full time beginning in the Summer of admission and continue for one full academic year.

## WAIVER

Academic credit is not awarded for life experiences.

## TRANSFER

Graduate credits from an accredited CSWE program earned less than six (6) years before application may be accepted by the University for credit toward the degree if they are courses containing the same content as courses required by GSU Master's program. The University cannot accept more than one third (1/3) of the hours needed to complete the program and a grade of "B" or better must be made for the course to be acceptable.

## PART-TIME

The Master's Program may be taken on a systematic part-time basis. The first 30 semester hours must be completed within two (2) years of initial enrollment and all requirements for the **MSW degree must be completed within four (4) years of initial enrollment.**

The above requirements do not apply to non-degree seeking and special students. They are handled on an individual basis.

## NON-DEGREE SEEKING STUDENTS

The following students may seek the status of non-degree seeking in the MSW program:

1. Students who do not intend to work toward the MSW degree,
2. Students who wish to take courses for personal fulfillment and or professional enrichment,
3. Students who desire to take continuing education hours,
4. Students who are pursuing a graduate degree at another institution, and
5. A person with a MSW degree may enroll as a non-degree seeking student and take courses across the cur-

riculum. They must submit a Letter of Intent and proof of their Master's degree to the admission committee prior to enrolling in the course.

All of the above students may be admitted to the MSW program providing they meet the following guidelines:

1. Bachelor's Degree
2. GRE Scores
3. A letter of Recommendation
4. Documentation of prerequisite work if deemed necessary by the School of Social Work and a Letter of Intent.

Non-degree seeking students, after meeting the above guidelines will be admitted to the MSW courses on a space available basis.

A non-degree seeking student will be allowed to enroll in up to twelve (12) graduate credits. These credits can only be earned in courses offered in the first semester of the first year of the MSW program, as the courses are sequential.

If the non-degree seeking student wishes to change his/her status to degree seeking, then the following guidelines must be met:

1. The courses taken in the MSW program, thus far, must have been completed within the last three years if the student is to be given credit for those courses;
2. Those courses taken in GSU's MSW program must have been earned with a minimum grade of "B" to be considered for credit towards the MSW degree
3. A formal application must be made to the MSW program at which time all of the guidelines for regular admission to the MSW program must be met.

## DUAL-GRADUATE DEGREE SEEKING STUDENTS

Students who are enrolled in another graduate program full-time cannot simultaneously enroll in this MSW program. If a full-time student in this MSW program enrolls full-time in another graduate program, he/she must drop out of one of those programs.

## ADMISSION PROCEDURE

The admission process generally begins with a request from a potential student for an admission application from the Office of Admissions. The admission application packet contains application forms for both the School of Graduate Studies and the School of Social Work along with a summary statement of the School's history, mission, goals, philosophy of education, requirements for admission, curriculum course requirements, forms for the references along with instructions for completing the autobiographical statement. The admissions office maintains a list of all request for applications.

Upon receipt of any piece of the student's information, a file is initiated by the administrative assistant. If no information is received on a student's file thirty (30) days after the initial piece of information is received, a letter is sent to the applicant informing him or her of the need for additional information to complete the file.

When a student's Social Work Application file is completed, the administrative assistant notifies the chairperson of admission who receives the file for review by the admission committee members. No official action is taken by the admission clerk until the administrative assistant receives notification from the School of Graduate Studies that the student has been accepted by Graduate Studies.

The admission committee is a School committee composed of faculty members of the School. The administrative assistant serves as staff member for the admission committee. The chairperson is appointed either by the committee or the Dean.

The decision of the admission committee is sent to the Assistant Dean of the School for review. The Dean sends accep-



# GRADUATE PROGRAMS

tance letters to all students who meet the criteria for acceptance into the program, along with the name of the assigned academic advisor. Students who are not accepted receive a letter explaining the basis of admission denial.

## THE APPEAL PROCESS

The student is informed of his or her right for a hearing before the admission committee if the student feels the denial was not justified. The administrative assistant and the chairperson of the admission committee arrange and set dates for these hearings. The outcome of the hearing is submitted to the MSW Director of the program for a review. At the conclusion of the hearing, the student is informed by the MSW Director and Dean of his or her right to appeal to the graduate council if the outcome of the hearing is unsatisfactory for the student.

## GRADUATION REQUIREMENTS

- Complete all course requirements for the MSW degree.
- Obtain a 3.0 or better grade point average in all graduate work.
- Have no more than six (6) credit hours of "C."

## DISCLOSURE

The School reserves the right to make any changes according to any requirements pertaining to the CSWE Standards, or any other circumstances that may rise. The School may cancel classes based on faculty availability and University guidelines.

## CURRICULUM: TWO YEAR PROGRAM

### FIRST YEAR - FOUNDATION - 2 SEMESTERS

SWK501 Human Behavior and the Social Environment I.....	3
SWK502 Social Welfare Policy and Services I.....	2
SWK503 Social Work Practice I.....	3
SWK512 Foundation Field Education I.....	3
SWK520 Social Work Practice II.....	3
SWK521 Human Behavior and the Social Environment II.....	3
SWK522 Foundation Field Education II.....	3
SWK530 Research Methods.....	3
SWK532 Social Welfare Policy and Services II.....	3
SWK560 Statistics.....	3
Total.....	30

### SECOND YEAR - ADVANCED - 2 SEMESTERS

#### Direct Practice Concentration

SWK629 Advanced Research.....	3
SWK631 Direct Practice I.....	3
SWK633 Direct Practice Field Education I.....	3
SWK637 Direct Practice II.....	3
SWK638 Direct Practice Field Education II.....	3
SWK655 Advanced Social Welfare Policy & Services.....	2
Elective.....	3
Elective.....	3
Elective.....	3
Elective.....	3
Total.....	30

### TOTAL HOURS FOR THE TWO-YEAR PROGRAM - 60

## ADVANCED STANDING PROGRAM

### SUMMER TRANSITIONAL COURSES

SWK602 Social Work Research and Data Analysis (Statistics).....	3
SWK606 Seminar: Social Work History and Fields of Practice.....	3
Total.....	6

### TOTAL HOURS FOR ADVANCED STANDING INCLUDES SECOND YEAR DIRECT PRACTICE

## ELECTIVE COURSES

SWK646 Social Work Supervision and Consultation.....	3
SWK651 Substance Abuse and Mental Health.....	3
SWK652 Families and Couples Treatment in Social Work.....	3
SWK653 Resource Development.....	3
SWK670 Assessment and Diagnostic Systems.....	3
SWK671 Diagnoses and Interventions in Child Welfare.....	3
SWK672 Rural Social Work Practice.....	3
SWK673 Ethical Decision Making and Public Policy.....	3
SWK674 Issues and Practice in Health Care.....	3
SWK675 Child Abuse and Neglect in Protective Services.....	3
SWK695 Independent Study, Research & Reading.....	3

## DEPARTMENT OF CRIMINAL JUSTICE

### MASTER OF SCIENCE IN CRIMINAL JUSTICE

The interdisciplinary Master of Science program with a major in criminal justice is designed to provide students with a high quality education through intensive study under the tutelage of a dedicated and professional faculty. The purpose of the program is to provide students with the latest theories and methods that will be of benefit to both practitioners and researchers as they pursue career and educational objectives. A major effort of the program is devoted toward teaching students how to analyze complex problems and research innovative but practical solutions to those problems.

### ADMISSION TO THE PROGRAM

1. Evidence of admission to the School of Graduate Studies.
2. Evidence of at least a Baccalaureate degree from an accredited institution and a 2.5 (on a 4.0 scale) or better grade point average.
3. Official transcripts from all colleges and universities in which previously enrolled must be on file in the School of Graduate Studies.
4. Submission of scores from the Graduate Record Examination (GRE) taken within the last five years.

### CORE COURSES

All students are required to complete the following core courses with grades of "A" or "B":

CJ 505-Theories of Crime & Delinquency.....	3
CJ 581-Methods of Justice Research I.....	3
CJ 582-Methods of Justice Research II.....	3
HUM 507-Proseminar.....	3
Total.....	12

### OPTIONS

Students pursuing the M.S. degree in Criminal Justice may pursue one of two options of study (1) Thesis Option or (2) Non-Thesis Option.

### THESIS OPTION:

A minimum of 36 credit hours is required of students pursuing the Thesis Option of study. Thesis students are also required to perform satisfactorily during an Oral Defense of the thesis. The general design of the Plan of Study for students pursuing the 36-hour thesis program is indicated below:

<b>Core Courses</b>	12
CJ 596-Proposal Research & Writing.....	3
CJ 598-Thesis Research I.....	3
CJ 599-Thesis Research II.....	3

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Approved Criminal Justice Electives .....	9
Approved Electives.....	6
Total.....	36

## NON-THESIS OPTION

A minimum of 42 credit hours is required of students pursuing the Non-Thesis Option of study. Non-Thesis students are also required to perform satisfactorily on three Written Comprehensive Examinations: (1) a three-hour exam in Research Methods, (2) a three-hour exam in Theories of Crime and Delinquency, and (3) a four-hour exam in Criminology and Law. The general design of the Plan of Study for students pursuing the 42-hour non-thesis program is indicated below:

<b>Core Courses</b>	12
Approved Criminal Justice Electives* .....	21
Approved Electives.....	9
Total .....	42

\*Cannot include CJ 596 (Proposal Research & Writing), CJ 598 (Directed Thesis Research I), or CJ 599 (Directed Thesis Research II)

## GRADUATION REQUIREMENTS

1. A 3.0 or better overall grade point average in all work pursued as a graduate student and grades of "A" or "B" in each of the four required core courses.
2. Admission to Candidacy.
3. Successful completion of the written comprehensive examinations (except students pursuing the Thesis Option).
4. Successful completion of the thesis and oral defense of the thesis (except students pursuing the Non-Thesis Option).

## MASTER OF ARTS IN MASS COMMUNICATION

The Master of Arts degree program in Mass Communication is built on the strengths of the undergraduate program that offers concentrations in broadcasting, news-editorial, public relations and visual communication. It is a unique curriculum that revolves around cross-cultural communication and offers students the opportunity to develop career skills in government/non-profit organizations, criminal justice, health organizations, and sports organizations.

The phenomenal increase in cultural diversity in this country poses a challenge to communication specialists in corporate settings. Within the United States in recent years, there has been a tremendous growth in the number of minorities and women in the workplace.

Communication specialists who have the academic training and competence to deal with communication situations that cut across cultural boundaries are the target of major employers. The demand for professionals with expertise in communication is likely to continue into the foreseeable future.

The Master of Arts degree in Mass Communication is structured to fill this need. With course work in cross-cultural communication, theory, research, social issues and emphasis in the use of new media forms, the curriculum will enable students to stay competitive in a rapidly changing information environment.

## ADMISSION TO THE PROGRAM

### The student must:

1. Hold a baccalaureate degree in Journalism/Mass Communication from an accredited college or university in the

United States or proof of equivalent degree at a foreign university.

2. Have maintained a cumulative GPA of 2.8 on a 4.0 point scale at the baccalaureate degree level.
3. Have taken the Graduate Record Examination (GRE) with a minimum combined score of 1,000. Students with lower scores may be admitted provisionally, at the discretion of the admissions committee if they meet the other criteria.
4. Have completed all requirements for general admission to the University and the School of Graduate Studies.
5. Complete an application to the Department of Mass Communication for admission to the Master of Arts degree program in Mass Communication along with required letters of recommendation and a 500-word essay as detailed in the application form.
6. Include credible professional experience, if any, to be considered in admission to the program.
7. International students are required to submit TOEFL and GRE scores and a copy of the Affidavit of Financial Support.

## GRADUATION REQUIREMENTS

Students with a baccalaureate degree in journalism/mass communication who select the **thesis option** are required to successfully complete the prescribed 36 credit-hour curriculum with a 3.0 or better grade point average and no more than two "Cs" or lower grades. Students who select the **non-thesis option** are required to successfully complete the prescribed 39 credit-hour curriculum with a 3.0 or better grade point average and no more than two "Cs" or lower grades. Students with baccalaureate degrees from disciplines other than journalism/mass communication will, in addition to the above requirements, satisfactorily complete the Graduate Orientation course MC 500 with a grade of "B" or better in the first semester of their admission. Students taking this course will complete a total of 39 credit hours for the thesis option or 42 credit-hours for the non-thesis option.

## CURRICULUM

### THESIS OPTION:

The following is the prescribed 36 credit-hour curriculum with a thesis option for the Master of Arts degree in Mass Communication. In addition to the 36 credit-hour prescribed curriculum, students admitted to the program whose undergraduate degree is not in journalism/mass communication are required to complete, with a grade of "B" or better, MC 500 Graduate Orientation to Mass Communication, during their first semester to be eligible to register for the next semester.

### CORE COURSES: (27 Hrs)

MC 504-Professional Journalistic Writing .....	3
MC 505-Theories of Mass Commun. ....	3
MC 510-Research Methods in Commun.....	3
MC 512-Applied Research Methods in Comm.....	3
MC 515-Cross-Cultural Communication.....	3
MC 525-Media Responsibility and Ethics.....	3
MC 535-Perspectives in Intercultural Comm.....	3
MC 595-Master's Thesis .....	6

### ELECTIVES: (9 Hrs from the following electives)

MC 520-History of Minority and Ethnic Media.....	3
MC 558-Principles of Corporate Commun .....	3
MC 562-Media, Public Opinion and Culture.....	3
MC 580-Integrated Marketing Commun.....	3

# GRADUATE PROGRAMS

MC 585-Public Relations Management.....	3
MC 590-Comparative Commun. Systems.....	3
MC 594-Professional Practicum.....	3
MC 598-Special Topics.....	3
SS 506-Research and Statistical Methods for the Behavioral and Social Sciences, or PA 503 –Statistics in Public Sector, or SPA 510-Statistics in Sports Administration, or ED 573-Educa. Statistics .....	3

## NON-THESIS OPTION:

The following is the prescribed 39 credit-hour curriculum with a non-thesis option for the Master of Arts degree in Mass Communication. In addition to the 39 credit-hour prescribed curriculum, students whose undergraduate degree is not in journalism/mass communication are required to complete, with a grade of "B" or better, MC 500 Graduate Orientation to Mass Communication, during the first semester to be eligible to register for the next semester.

## CORE COURSES: (24 Hrs)

MC 504-Professional Journalistic Writing .....	3
MC 505-Theories of Mass Commun. ....	3
MC 510-Research Methods in Commun.....	3
MC 515-Cross-Cultural Communication.....	3
MC 525-Media Responsibility and Ethics.....	3
MC 535-Perspectives in Intercultural Comm.....	3
MC 560-Master's Capstone Research Project.....	3
MC 585-Public Relations Management.....	3

Nine credit hours from the following electives and six credit hours from career areas or nine credit hours from the career skills areas and six credit hours from the electives listed below:

## ELECTIVES:

MC 520-History of Minority and Ethnic Media.....	3
MC 558-Principles of Corporate Commun .....	3
MC 562-Media, Public Opinion and Culture.....	3
MC 580-Integrated Marketing Commun.....	3
MC 590-Comparative Commun. Systems.....	3
MC 594-Professional Practicum.....	3
MC 598-Special Topics.....	3
SS 506-Research and Statistical Methods for the Behavioral and Social Sciences, or PA 503 –Statistics in Public Sector, or SPA 510-Statistics in Sports Administration, or STAT 405-Introd. to Statistics, or ED 573-Educa. Statistics.....	3

## CAREER SKILLS AREAS:

### Communication personnel in the criminal justice system:

Six to nine graduate semester hours in criminal justice from the following:

- CJ 500-Overview of the Criminal Justice System
- CJ 501-Criminal Law and Procedure
- CJ 505-Theories of Crime and Delinquency
- CJ 510-Comparative Criminology and Criminal Justice Systems
- CJ 511-International Terrorism
- CJ 513-Women in the Justice System
- CJ 520-Police Management and Policy

**Government/non-profit organizations:** Six to nine graduate semester hours from public administration, political science or social work areas from the following:

- PA 500-Principles of Public Administration
- PA 502-Organization Theory and Behavior
- PA 510-Administration of State and Local Government
- PS 513-Seminar in American Government and Politics
- PA 518-Women and Minorities in State and Local Government
- PS 525-Women in American Politics
- PS 530-The Black in American Politics
- SWK 502-Social Policy and Services
- SWK 511-Seminar in Social Work Practice
- SWK 636-Multicultural Social Work
- SWK 647-Administration & Supervision

**Health communication:** Six to nine graduate semester hours from health care, hospital administration or related areas from the following:

- PA 540-Introduction to Health Service System
- PA 541-Contemporary Public Health Issues
- PA 543-Health Organization and Management
- PA 544-Issues in Health Care
- PA 550-Group Dynamics in Organizations

**Sports information/communication:** Six to nine graduate semester hours in sports administration from the following:

- SPA 501-Legal Aspects of Sports Administration
- SPA 505-Introduction to Sports Administration
- SPA 517-Marketing in Sports Administration
- SPA 518-Issues in Sports Administration
- SPA 525-Computer-Based Application in Sports Administration

# UNDERGRADUATE COURSES OF INSTRUCTION

## ACCOUNTING

### **ACCT 201 FINANCIAL ACCOUNTING PRINCIPLES AND CONCEPTS 3**

Provides a conceptual approach to the understanding of financial accounting systems for business enterprises and the significance of accounting information as presented on financial statements.

### **ACCT 202 MANAGERIAL ACCOUNTING**

Explains the use of accounting information in the decision making processes of management with particular emphasis on concepts that support the analysis and interpretation of the effects of financial information on management decisions relating to planning and control. Prerequisite: ACCT 201.

### **ACCT 303 FEDERAL INCOME TAX ACCOUNTING 3**

Studies the federal income tax laws, rules, and regulations related to the determination of individual taxable income and tax liability. Prerequisite: ACCT 201.

### **ACCT 304 ADVANCED FEDERAL INCOME TAX ACCOUNTING 3**

Studies the federal income tax laws related to the determination of taxable income and tax liability of partnerships, corporations, estates, and trusts. Prerequisite: ACCT 303.

### **ACCT 305 COST ACCOUNTING 3**

Studies the concepts, principles, and procedures relative to cost accumulation, product costing, inventory management, relevant costing, and ethical decision making. Prerequisite: ACCT 202.

### **ACCT 311 INTERMEDIATE ACCOUNTING I 3**

Examines the concepts, principles, and procedures related to the accounting process, preparation of financial statements, and the recognition, valuation and disclosure of assets. Prerequisite: ACCT 202.

### **ACCT 312 INTERMEDIATE ACCOUNTING II 3**

Focuses on the concepts, principles, and procedures related to the recognition, valuation, and disclosure of current and long-term liabilities and stockholders equity. Prerequisite: ACCT 311.

### **ACCT 313 INTERMEDIATE ACCOUNTING III 3**

Studies the concepts, principles, and procedures related to revenue recognition, pensions, leases, cash flow and financial statement analysis. Prerequisite: ACCT 312.

### **ACCT 320 COMPUTERIZED ACCOUNTING SYSTEMS 3**

Examines the design of information systems for transaction processing, the related internal controls, and the preparation of management reports and financial statements in a computerized environment. Prerequisites: ACCT 311 and CIS 115.

### **ACCT 400 AUDITING 3**

Focuses on the concepts, philosophy and environment of auditing including an overview of the public accounting profession, auditing standards, professional ethics, legal liability, internal control, the nature of evidence, statistical sampling, and planning an audit. Prerequisite: ACCT 312.

### **ACCT 402 ADVANCED COST ACCOUNTING 3**

Studies the concepts, principles, and procedures relative to control of costs, variance analysis, capital budgeting, differential cost and revenue analysis, and ethical decision making with emphasis on the dynamic manufacturing environment. Prerequisite: ACCT 305.

### **ACCT 404 GOVERNMENTAL ACCOUNTING 3**

Studies the concepts, principles, and procedures unique to ac-

counting for activities of governmental entities. Prerequisite: ACCT 311.

### **ACCT 405 ADVANCED ACCOUNTING I 3**

Provides an overview of the concepts, principles, and procedures unique to accounting for governmental entities, combinations, consolidations, foreign currency transactions, and foreign currency translation. Prerequisite: ACCT 312.

### **ACCT 406 ADVANCED ACCOUNTING II 3**

Provides an overview of the concepts, principles, and procedures unique to interim financial reporting and accounting for partnerships, not-for-profit organizations, estates, and trusts. Prerequisite: ACCT 312.

### **ACCT 407 FORENSIC ACCOUNTING 3**

Studies the application of accounting and financial knowledge to issues relating to financial fraud in the context of compliance with regulatory and criminal statutes. Prerequisite: ACCT 311.

### **ACCT 408 CONTEMPORARY ISSUES 3**

Provides an in-depth analysis of the theory and practice related to current developing and/or controversial areas in the field of accounting. Prerequisite: ACCT 311.

### **ACCT 418 INTERNAL AUDITING 3**

Examines the concepts, philosophy, and environment of internal auditing including principles, standards, professional ethics, techniques, and reporting practices. Prerequisite: ACCT 311.

### **ACCT 430 INDEPENDENT STUDY 3**

Provides an in-depth investigation of a selected accounting issue under the supervision of a designated faculty member. Requires senior status and prior approval of the faculty supervisor and the head of the department. Prerequisite: ACCT 312.

### **ACCT 435 COOPERATIVE ACCOUNTING WORK EXPERIENCE 3**

Provides credit for supervised on-the-job accounting experience. A participating student must secure his/her own cooperative position and obtain approval from the before registering for the course. The course may not be repeated for credit, requires a minimum cumulative GPA of 2.5, and cannot be used to satisfy the accounting elective requirement. Prerequisite: ACCT 202.

## AEROSPACE STUDIES

### **AS 101/102 FOUNDATIONS OF THE AIR FORCE 1**

Offers survey courses briefly treating chief topics relating to the Air Force and defense; organizational structure and missions of Air Force organizations; officership and professionalism; and includes an introduction to communicative skills. A weekly Leadership Laboratory consisting of Air Force customs and courtesies, health and physical fitness, and drill and ceremonies is mandatory.

### **AS 111/112 BASIC LEADERSHIP LABORATORY 1**

Offers introductory leadership courses for freshman students enrolled in AS 101/102. Designed to develop followership skills and introduce leadership techniques. The curriculum consists of drill and ceremonies, Air Force Standards, Air Force as a Profession, and the Environment of the Air Force Officer.

### **AS 201/202 EVOLUTION OF USAF AIR AND SPACE POWER 1**

Examines general aspects of air and space power through a historical perspective. The course covers a time period from the first balloons and dirigibles to the space-age global positioning systems of the Persian Gulf War. This course provides the cadets with a knowledge level understanding for the general element and employment of air and space power. Through the

# UNDERGRADUATE COURSES OF INSTRUCTION

use of operational examples, Air Force Core Values will be imparted to the cadets and cadet led writing and briefing exercises are necessary to meet the Air Force communication skills requirements.

**AS 211/212 PREPARATION FOR FIELD TRAINING 1**  
Prepares sophomore cadets for the rigors of Field Training. The curriculum consists of drill and ceremonies, Air Force Standards, the Air Force as a Profession, and Environment of the Air Force Officer. Cadets are provided leadership opportunities to develop basic leadership skills.

**AS 203 FOUR WEEK FIELD TRAINING 0**  
Provides the student with 225 hours of military environment training. The student in a practical way experiences the military environment while receiving instructions in Aircraft and Aircrew Orientation, Military Careers, Chaplain Program, Junior Officer Training, Air Force Familiarization, Physical Training, Small Arms Training, Military and Society-Current Issues, and Survival Orientation.

**AS 204 FIVE-WEEK FIELD TRAINING 0**  
Includes all essentials of AS 203 plus 60 academic classroom hours in United States Military Forces in the contemporary world, a study of the doctrine, mission and organization of the United States Air Force, U.S. Strategic offensive and defensive forces—their mission/function and employment of nuclear weapons.

**AS 301/302 AIR FORCE LEADERSHIP STUDIES 3**  
Studies leadership and management fundamentals, professional knowledge, leadership ethics, and communicative skills required of an Air Force junior officer. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts. Prerequisite: AS 201/202.

**AS 311/312 AIR FORCE LEADERSHIP SKILLS 1**  
Provides advanced courses for junior students examine leadership and management techniques. The curriculum consists of Leadership and management experiences, health awareness, cadet evaluations, Air Force Specialty Classification, and an orientation to initial commissioned service.

**AS 401/402 NATIONAL SECURITY AFFAIRS 3**  
Examines the complexities of national security. This course also provides an analysis of the evolution and formulation of the American defense policy and strategy, examines the methods for managing conflict—an extensive study of alliances and regional security to preserve American interests around the world, and analyzes arms control and the threat of war—and terrorism. Special topics of interest focus on the military as a profession, officership, the military justice system, transition from civilian to military life, and refinement of communicative skills. Prerequisite: AS 301/302.

**AS 411/412 PREPARATION FOR ACTIVE DUTY 1**  
Provides senior students leadership and management experiences. Students are given information on active duty situations and opportunities in the Air Force.

## ART

**ART 101 DRAWING I 3**  
Presents a basic course in representational drawing. Emphasis will be given to the use of lines, forms, value and texture as means of visual expression. Experiences with media, the various subject matter and principles will be provided to develop

rendering skills with still life and landscape drawings. Six studio hours per week are required.

**ART 102 DRAWING II 3**  
Presents an intermediate class in drawing. Emphasis will be placed on portraits and figure studies in a variety of media. Six studio hours per week are required. Prerequisite: Art 101

**ART 103 BASIC DESIGN 3**  
Teaches the student to organize the elements and principles of art. Will explore various two-dimensional techniques using the elements and principles of design to produce works of art. Six studio hours per week are required.

**ART 104 COLOR THEORY 3**  
Explores theoretical color exercises to develop a better working knowledge of color. New concepts will help students refine and reinforce color concepts to be utilized in individual projects. Exposure to as many color concepts as possible including problems in conceptualization, execution, presentation and teamwork demonstrating visual understanding is expected. Six studio hours per week are required.

**ART 105 ART APPRECIATION 3**  
Provides an overview of the art of the western world. Emphasis will be given to the interpretation and classification of major styles, artists, processes and theories in visual arts. Development of art criticism and writing skills will be stressed.

**ART 207 PAINTING I 3**  
Studies and applies basic techniques of painting. Emphasis will be placed on experimentation with various subjects as related to light and color. Six studio hours per week are required. Prerequisites: Art 101, 102, 103, 104. Non-majors may be exempt from pre-requisites if course is taken for enrichment.

**ART 210 INTRODUCTION TO THE FINE AND PERFORMING ARTS 3**  
Introduces art, music, and theatre. The emphasis will be placed on the basic elements, styles, and languages of visual and performing arts. Special attention will be given to master works in art, music and theatre.

**ART 215 ART HISTORY I 3**  
Provides an in-depth survey of the history of art from Prehistoric through Early Christian, Byzantine, and Islamic periods. The course will focus on the characteristics, major works, and the relationship of the period to the society that produced it. Emphasis will be given to recognizing the similarities and differences of each period covered. Three lecture hours per week.

**ART 216 ART HISTORY II 3**  
Provides a survey of the history of art from Early Medieval through romanticism and realism. Non-Western art history will also be introduced. Emphasis will be given to individual artists, styles, movements, periods, architecture, painting and sculpture. Three lecture hours per week.

**ART 217 THREE-D DESIGN 3**  
Provides experiences involving the basic elements and principles of design as applied to three-dimensional sculpture. Emphasis will be given to construction of three-dimensional images and objects using different sculptural techniques and media. Six studio hours per week are required. Prerequisite: ART 103.

**ART 301 CRAFT DESIGN 3**  
Develops skills in the construction of two and three-dimensional crafts. Emphasis will be placed on creating functional handmade work from a variety of materials. Six studio hours per week are required.

## UNDERGRADUATE COURSES OF INSTRUCTION

**ART 305 DRAWING III 3**  
Provides an advanced class in drawing. Emphasis will be placed on styles of expression and exploration in a variety of media. Six studio hours per week are required. Prerequisites: ART 101 & 102.

**ART 309 CERAMICS I 3**  
Offers the students fundamental skills with hand building techniques to construct clay forms, both functional and non-functional. Students will be exposed to contemporary and historical examples of ceramics. Emphasis will be placed on development of a high degree of technical proficiency and a keen sense of form. Six studio hours per week are required.

**ART 310 CERAMICS II 3**  
Offers the student fundamental skills with processes in throwing and molding ceramic forms. Students will be exposed to contemporary and historical examples of ceramics. Emphasis will be placed on development of a high degree of technical proficiency and a keen sense of form. Six studio hours per week are required. Prerequisites: ART 217, 309.

**ART 318 SCULPTURE 3**  
Introduces sculpture. Special attention will be given to the study and application of basic sculpture techniques using a variety of materials. Emphasis will be given to the construction of three-dimensional art works. Six studio hours per week are required. Pre-requisites: ART 217.

**ART 319 PRINTMAKING I 3**  
Provides an introduction to the printing processes used in art. The skillful production of prints created using the relief and intaglio processes will be given special emphasis. Six studio hours per week are required. Pre-requisites for art majors: Art 101, 103. Non-majors may be exempt from pre-requisites.

**ART 322 INTRODUCTION TO DIGITAL ART 3**  
Gives the student an overview of computer software and applications for art and design. Emphasis is placed on learning to draw on the computer with Adobe Illustrator, and photo editing with Adobe Photoshop. Students who do not possess previously learned skills might have to spend more time on class assignments. Six studio hours per week are required. Pre-requisites: Art 103. May be waived for non-majors with computer skills.

**ART 323 COMPUTER DESIGN I 3**  
Focuses on creating artwork for the web, as well as fine art and print. Includes an overview of the vast art profession, its career options, industry trends, technology, and production requirements. Adobe Illustrator, Photoshop, as well as, Mac OS standards, I-photo, I-movie and I DVD will be used. In addition to hands-on projects, students will incorporate projects for publishing on the web, CD ROM, and DVD. Six studio hours per week are required. Prerequisites: ART 103 and 322.

**ART 324 ADVANCED 2-D STUDIO 3**  
Gives the student the opportunity for advanced study in the student's chosen 2-dimensional area of concentration. Emphasis is placed on development of cohesive body of work that exhibits advanced synthesis of knowledge of the art form and control of the media with insight into its creative possibilities. A written contract designed by the student and instructor will outline the research, media and criteria. Six studio hours per week are required. May substitute for ART 305, 326, 407 or 427. Must have the permission of advisor to schedule this course. Pre-requisites: ART 101, 102, 103, 104, 207.

**ART 325 ADVANCED 3-D STUDIO 3**  
Gives the student the opportunity for advanced study in 3-d Media and art forms with concentration on Ceramics or Sculpture.

Allows the student to expand their creative and conceptual awareness and to develop visual and technical abilities in various three-dimensional media. Students will focus on individual directions based on research and studio work. A written contract designed by the student and instructor will outline the research, media and criteria. Techniques introduced will cover the sculptural processes of carving, modeling, and construction. Six studio hours per week are required. May substitute for ART 310, 318, or 405. Must have the permission of advisor to schedule this course. Pre-requisites: ART 217 and 309.

**ART 326 PAINTING II 3**  
Studies and applies more advanced techniques of painting. Special attention will be given to the study of different styles and applications in painting to create visual communication. Six studio hours per week are required. Pre-requisites: ART 207.

**ART 327 ART MANAGEMENT FOR BUSINESS 3**  
Explores processes and methods of promoting and selling art work. Students will gain hands-on experience with marketing their work. Six studio/lab hours per week are required.

**ART 401 ART FOR TEACHERS 3**  
Explores the philosophies, objectives, materials, tools and methods of guiding art experiences with children and youth from the nursery school through the senior high school. Emphasis will be placed on planning and implementing meaningful art activities for the classroom. A minimum of four laboratory hours per week is required.

**ART 402 TEACHING THE ARTS TO CHILDREN AND ADOLESCENTS 3**  
Provides the candidates with knowledge, skills and resources for the development of activities to guide young children and adolescents through aesthetic experiences in the arts. The candidate is exposed to methods of introducing children and adolescents to aesthetics and appreciation of the arts, as well as methods for using art, music, and drama in the classroom. Hands-on work with art materials, musical instruments, and play-acting are emphasized. Candidates are required to produce portfolios containing lesson plans and projects that can be used for each level for which certification is sought. Four hours per week in lecture/lab required. Fifteen hours field experience required.

**ART 405 CERAMIC SCULPTURE 3**  
Provides basic principles of the direct modeling and casting process in sculpture with clay as a medium. Skills with designing and constructing sculpture will be the primary emphasis. Six studio hours per week are required. Pre-requisites: ART 217

**ART 407 ADVANCED PRINTMAKING 3**  
Provides an in-depth exploration of one or more of the intaglio, planographic, serigraphic, or relief processes of printmaking. Emphasis is placed on developing more advanced skills in a chosen area. Student will meet with instructor to set goals and develop a direction to pursue with work. Six studio hours per week are required. Pre-requisites: ART 319.

**ART 409 ART HISTORY III 3**  
Studies the history of art from the Romantic through the Contemporary periods. Emphasis will be given to major works, styles, movements, artists, architects and the cultures that produced them. The course will also focus on research, analyzing and writing about art. This is an independent study format class intended for art majors. A written contract will outline the research and assignments for the class.

**ART 412 AFRICAN AMERICAN ART 3**  
Surveys African-American art and the influences of Africa and

# UNDERGRADUATE COURSES OF INSTRUCTION

the Caribbean on American art. Emphasis will be placed on the study of painting, drawing, sculpture, and crafts. This is an independent study format class intended for art majors. A written contract will outline the research and assignments for the class.

## **ART 414 CURRICULUM DEVELOPMENT METHODS IN ART EDUCATION 3**

Explores the development of teaching units, weekly and daily plans in art education. This course is designed to give the candidate training with developing and providing creative art activities to enhance learning. A minimum of 15 hours of field experience is required of this course at levels II and III. Prerequisites: ED 162, 317 and 328.

## **ART 417 ART MANAGEMENT FOR BUSINESS 3**

Introduces the business of art. Emphasis is placed on processes and methods of promoting and selling artwork. Students will gain hands-on experience with marketing their work. Six studio/lab hours per week are required.

## **ART 422 SENIOR EXHIBITION 3**

Presents a cumulative experience for candidates for graduation in art and art education. Emphasis is placed on creating, organizing, advertising, and presenting a professional exhibition. Provides students with the basic knowledge to market their art. This course is taught in a guided study format. Students are expected to spend a minimum of 6 hours per week in the studio. Course is limited to art majors in the last year of coursework.

## **ART 423 COMPUTER DESIGN II 3**

Provides advanced exploration of computer software and applications for use in art and design (web, fine art, and print). The course is intended to build on skills learned in ART 323. Six studio hours are required. Prerequisites: ART 103, 322, 323.

## **ART 424 ADVANCED 2-D STUDIO 3**

Gives the student the opportunity for continued advanced study in the student's chosen 2-dimensional area of concentration. Emphasis is placed on development of cohesive body of work that exhibits advanced synthesis of knowledge of the art form and control of the media with insight into its creative possibilities. A written contract designed by the student and instructor will outline the research, media and criteria. Six studio hours per week are required. May substitute for ART 305, 326, 407, or 427. Prerequisites: ART 324

## **ART 425 ADVANCED 3-D STUDIO 3**

Provides continued advanced study in 3-D media and art forms with concentration on Ceramics or Sculpture. Allows the student to continue to expand their creative and conceptual awareness and to develop visual and technical abilities in various three-dimensional media. Students will focus on individual direction based on research and studio work. A written contract designed by the student and instructor will outline the research, media and criteria. Techniques introduced will cover the sculptural processes of carving, modeling, and construction. May substitute for ART 310, 318, or 405. Must have the permission of advisor to schedule this course. Pre-requisites: ART 325.

## **ART 427 PAINTING III 3**

Provides opportunity for expanding painting skills. The student is encouraged to explore creative interpretation of chosen subject in the media of paint. Focus is on developing independent work ethic based on research and studio work. Student will meet with instructor to set goals and develop a direction to pursue with work. Six studio hours per week are required. Pre-requisites: ART 326.

## **BASIC STUDIES**

### **BSS 101 FRESHMAN SEMINAR 2**

BSS 101: Freshman Seminar is no longer offered. Refer to First Year Experience (FYE 101: Freshman Seminar I and FYE 102: Freshman Seminar II) and consult your academic advisor.

## **BIOLOGY**

### **BIOL 103 PRINCIPLES OF BIOLOGY (NON-MAJORS) 3**

Introduces general principles of biology for non-science majors.

### **BIOL 104 PRINCIPLES OF BIOLOGY (NON-MAJORS) 3**

Offers a continuation of discussions of general principles of biology for non-science majors.

### **BIOL 105 PRINCIPLES OF BIOLOGY LABORATORY (NON-MAJORS) 1**

Provides observations, experimentations and analysis to reinforce general principles of biology for non-science majors.

### **BIOL 106 PRINCIPLES OF BIOLOGY LABORATORY (NON-MAJORS) 1**

Offers a continuation of observations, experimentations and analysis to supplement general principles of biology for non-science majors.

### **BIOL 113 PRINCIPLES OF BIOLOGY I (MAJORS) 3**

Introduces biological concepts, cell structure, physiology and reproduction, genetics and evolution.

### **BIOL 114 PRINCIPLES OF BIOLOGY II (MAJORS) 3**

Offers a continuation of biological topics including plant and animal structure, survey of kingdoms, and ecology. Emphasis on human body systems.

### **BIOL 115 PRINCIPLES OF BIOLOGY I LABORATORY 1**

Provides experiments and demonstrations emphasizing life process at the cellular level.

### **BIOL 116 PRINCIPLES OF BIOLOGY II LABORATORY 1**

Provides basic investigations of plant and animal anatomy and physiology; introduction to human body systems.

### **BIOL 202 DEVELOPMENTAL BIOLOGY 4**

Explores classical views and modern biochemical aspects of embryonic development of plants and animals. Recent findings are approached on an integrated morphological and biochemical basis. Lect. 3 cr. hrs, Lab. 1 cr. hr. Prerequisites: BIOL103 and 104 or BIOL 113 and 114.

### **BIOL 203 GENERAL ENTOMOLOGY 4**

Covers morphology, description and habits of the principal orders of insects, collecting, preserving and classifying specimens. Lect. 3 cr. hrs, Lab. 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.

### **BIOL 204 COMPARATIVE INVERTEBRATE ZOOLOGY 4**

Examines taxonomy, morphology, and physiology of the invertebrates and their relations to the vertebrates where they exist. Lect. 3 cr. hrs., Lab. 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.

### **BIOL 206 FUNDAMENTALS OF ECOLOGY 4**

Introduces the interrelationships of organisms with their physical and biological environments, energy cycles, habitat require-

## UNDERGRADUATE COURSES OF INSTRUCTION

ments, structure and dynamics of population, and organization of the ecosystem. Lect. 3 cr. hrs., Lab 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.

**BIOL 207 PRINCIPLES OF ANATOMY AND PHYSIOLOGY 4**

Studies biological chemistry, cells and tissues, as well as, the structure and functions of the integumentary, skeletal, muscular, nervous and endocrine systems. Lect. 3 cr. hrs., Lab. 1 cr. hr. Prerequisites: BIOL 103, 104.

**BIOL 208 PRINCIPLES OF ANATOMY AND PHYSIOLOGY 4**

Studies the structure and functions of the digestive, respiratory, cardiovascular, lymphatic, immune, urinary and reproductive systems. Lect. 3 cr. hrs, Lab. 1 cr. hr. Prerequisite: BIOL 207.

**BIOL 216 ENVIRONMENTAL BIOLOGY 4**

Provides lectures, conferences, demonstrations, and laboratory work considering man's health and physical needs in relation to his past, current and future environmental situations. Emphasized are biological nature of man, healthful living, occupational and recreational conditions, environmental pollution and public health organizations and functions. Lect. 3 cr. hrs., Lab. 1 cr. hr. Prerequisite: BIOL 103 and 104 or BIOL 113 and 114.

**BIOL 301 INTRODUCTION TO MARINE ZOOLOGY 4**

Provides a field and laboratory survey of marine animals of the LA Gulf Coast, including classification, morphology, physiology and ecology. Prerequisites: 8 semester hours undergraduate credit. Offered summer only. Five weeks at a Louisiana Universities Marine Consortium coastal laboratory.

**BIOL 302 GENETICS 4**

Examines the principles of heredity, classical, molecular and quantitative genetics and chromosome structure. Modern, cell, and population genetics, mutation and selection; microbial genetics non-chromosomal inheritance and probability. Lect. 3 cr. hrs; Lab 1 cr. hr. BIOL 113, 114 or BIOL 103 and 104 and CHEM 111 and 112 with corresponding laboratory are prerequisites.

**BIOL 304 INTRODUCTORY MICROBIOLOGY 4**

Studies the chemical, biological and cultural characteristics of microorganisms. Topics include microbial taxonomy, structure, metabolism, genetics, ecology, the role of microbes in disease, immunity, and the applications of microbes in industry. Lect. 3 cr. hrs; Lab 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114; CHEM 111, 112, or BIOL 207, 208 with corresponding laboratory.

**BIOL 305 ANATOMY AND PHYSIOLOGY 4**

Surveys anatomical terminology, tissues, and the following systems: integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, respiratory, digestive, urinary, and reproductive. Laboratories that include microscopy, physiological exercises, and mammalian dissections compliment lecture discussions. Lect. 3 cr. hrs, Lab. 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.

**BIOL 306 BIOLOGICAL TECHNIQUES 4**

Presents methods of preparing biological material for microscopic study. Practice in fixing, embedding, staining and mounting various tissues. Histology and cytology are considered. Three two-hour laboratory periods per week. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114; CHEM 111 and 112 with laboratory.

**BIOL 308 FUNDAMENTALS OF CELL BIOLOGY 4**

Studies the microscopic structure of the cell in the fixed and living conditions; chemical composition, functions of cytoplasm, nuclear and cytoplasmic components of the cell and their relation to the life processes. Lect. 3 cr. hrs; Lab 1 cr. hr. Prerequisite:

sites: BIOL 103 and 104 or BIOL 113 and 114; CHEM 111 and 112.

**BIOL 311 HEMATOLOGY 4**

Examines principles, procedures and general techniques of hematology as applied in the clinical laboratory. Lect. 3 cr. hrs., Lab. 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.

**BOL 313 IMMUNOLOGY 4**

Reviews concepts of the human immune system, structure and function of the organs and cells that comprise the immune system, and clinical immunological test. Lab exercises emphasize the basics of antibody reactions and their applications to clinical diagnostic testing. Lect. 3cr. hrs., Lab. 1 cr. hr. Prerequisite: BIOL 304.

**BIOL 315 WATER QUALITY MANAGEMENT 4**

Relates directly to the by-laws of the Clean Water ACT (CWA) of 1972. The impact that chemical, physical and biological water parameters have on water systems is covered. Regulatory water quality criteria and standards, limnological aspects of lakes and reservoirs, and water quality related legislation are addressed as related to water quality management practices. This course has a laboratory component. Lect. 3 cr. hrs., Lab. 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114; CHEM 112.

**BIOL 318 ORIENTATION: ALCOHOL DRUG ABUSE 3**

Studies theories and factors relevant to use, abuse of and dependency on alcohol and drugs; social economic and psychological effects of alcohol and drug use; treatment of alcohol victims; prevention of alcoholism and drug abuse. Prerequisite: Consent of the instructor.

**BIOL 319 ADVANCED RESEARCH METHODS AND LABORATORY 4**

Introduces students to concepts, methods, statistics, and various experimental designs of a research scientist. Instrumentation, sampling, data collection and computer data processing will be facilitated via the computer software SAS or SPSS. This course intends to develop some of the skills of science: inquiry, communication, collaboration, problem-solving, and decision making. Lect. 3 cr. hrs, Lab. 1 cr. hr. Prerequisite: Consent of the instructor.

**BIOL 320 ENVIRONMENTAL SYSTEMS 3**

Examines the interaction of system dynamics with local, regional, national, and global ecosystems. The student is introduced to biogeochemical cycles, the earth as a living organism, the atmosphere, water systems, and the biosphere. Nature reserves, national parks, and the wilderness are examined as regional environmental systems that provide protection for a particular species and/or habitat. Current issues and problems related to the environment are also discussed. Prerequisite: BIOL 103 and 104 or BIOL 113 and 114.

**BIOL 328 ORNITHOLOGY 4**

Introduces the taxonomy, biogeography, identification, and general biology of birds. Laboratory emphasizes field identification of Louisiana birds. Lect. 3 cr. hrs., Lab.1 cr. hr. per week. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.

**BIOL 400 MARINE MICROBIOLOGY 4**

Introduces the estuarine and marine microbes, especially bacteria and fungi; covers classification methodology, role in marine ecosystems, biochemical cycles and diseases of marine animals. Prerequisites: 12 semester hours of biology and permission of instructor. Graduate or Undergraduate credit. Offered summers only. Five weeks at a Louisiana Universities Marine Consortium coastal laboratory.



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- BIOL 401 PLANT PHYSIOLOGY 4**  
Introduces the physiological processes that are responsible for plant growth and development and plant responses to the environment. General topic areas include: plant structure and cell biology, plant-water relations and mineral nutrition, long-distance transport phenomena, photosynthesis, respiration and plant metabolism, plant growth regulators, plant development, plant stress physiology and plant biotechnology. Lect. 3 cr. hrs., Lab. 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.
- BIOL 402 VERTEBRATE HISTOLOGY 4**  
Studies the cell types and tissues of the body and how these tissues are arranged to constitute organs. Four fundamental tissues are recognized: epithelial, connective, muscular, and nervous. Lect. 3cr. hrs., Lab 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114; CHEM 111 and 112.
- BIOL 403 PARASITOLOGY 4**  
Examines animal parasites, morphology, taxonomy and life cycles of selected parasites, host-parasite relationships. Lect. 3cr. hrs; Lab 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.
- BIOL 404 MARINE ECOLOGY 4**  
Emphasizes the effects of human activities on the chemistry, biology, ecology and ecosystem structure and function within coastal marine environments. Topics describing recent changes in the coastal ocean and addressing their implications include: trace metal cycles; primary productivity; coastal fauna and habitat; coastal fisheries, and coral reefs. The course includes one required weekend field trip to the Louisiana Universities Marine Consortium where instructors will use the local coastal environment to illustrate topics that have been discussed in lectures. Lect. 3 cr. hrs., Lab. 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114, BIOL 206 or BIOL 216. Spring semester.
- BIOL 405 GENERAL PHYSIOLOGY 4**  
Studies the fundamental physiological processes and the manner in which they vary in various groups of animals. Lect. 3 cr. hrs; Lab 1 cr. hr. BIOL 103 and 104 or BIOL 113 and 114.
- BIOL 406 INTERNSHIP IN BIOLOGY 3**  
Provides students an opportunity to obtain credit for practical experiences in biology and related fields through internships. Prerequisite: Consent of the instructor.
- BIOL 407 ETHICS IN SCIENTIFIC RESEARCH 3**  
Explores ethical issues in scientific research through the examination of related literature. The case study approach will be used in exploring and debating ethical dilemmas, ethical behaviors, policies and procedures of responding to allegations of research misconduct. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114 or CHEM 114 and Consent of instructor.
- BIOL 408 SEMINAR 1**  
Examines current problems in biology based on recent publications or research. One hour per week. Prerequisite: Consent of the instructor.
- BIOL 409 BIOLOGICAL RESEARCH 3**  
Provides individual investigation under the direction of senior members of biology faculty with associated study of primary journal sources, emphasizing a methodology and presentation of results. Open to juniors and seniors majoring in biology. Prerequisite: BIOL 306 or BIOL 113 and 114 or BIOL 103 and 104; CHEM111, 112.
- BIOL 410 MARINE BOTANY 4**  
Studies marine and coastal algae and vascular plants, including classification, morphology, life cycles and ecology; emphasis is on field and laboratory studies. Prerequisites: 12 semester hours of biology, including botany and permission of instructor. Graduate or Undergraduate credit. Offered summer only. Five weeks at a Louisiana Universities Marine Consortium coastal laboratory.
- BIOL 411 VERTEBRATE ZOOLOGY 4**  
Emphasizes systematics, phylogenetic relationships, ecology, distribution and morphology of the different classes of vertebrates. Lect. 3 cr. hrs; Lab 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.
- BIOL 412 PLANT MORPHOLOGY 4**  
Surveys the plant kingdom regarding structure, reproduction and evolution of representatives from algae, fungi, bryophytes pteridophytes, gymnosperms, and angiosperms. Prerequisite: BIOL 103 and 104 or BIOL 113 and 114 .
- BIOL 413 ADVANCED INVERTEBRATE ZOOLOGY 4**  
Offers a comprehensive study of the invertebrate animals exclusive of the insects, evolution, adaptive biology, modes of existence, and physiology. Lect. 3 cr. hrs., Lab. 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.
- BIOL 414 MAMMALOLOGY 4**  
Provides a taxonomic perspective by concentrating on groups of organisms such as mammals. Many mammal species have aroused public concern for their survival, such as elephants, whales, large cats, gorillas, and the giant panda. The design of the course will weave together at least four major themes: evolution, methods for investigating mammals, diversity, and the interrelationships of form and function. Lect. 3 cr. hrs., Lab. 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.
- BIOL 416 ADVANCED MICROBIOLOGY 4**  
Strengthens students pursuing careers in industrial microbiology, health and allied health professions, and graduate programs in microbiology. Emphasis on pathogenic microbiology, diagnostic microbiology, immunology, and applied microbiology. Lect. 3 cr. hrs; Lab 1 cr. hr. Prerequisite: BIOL 304.
- BIOL 417 CONSERVATION BIOLOGY 3**  
Focuses on the application of biological principles to the preservation of biodiversity. This course explores domestic and international biodiversity issues that are related to environmental policy, socioeconomic demands, and environmental ethics. Particular emphasis will be placed on those areas that include population biology, geographical information systems (GIS), integrated land-use management, and vegetation analysis. Prerequisite: BIOL 206 or 320.
- BIOL 419 COMPARATIVE VERTEBRATE ANATOMY 4**  
Provides an in-depth study of vertebrate characteristics, craniate morphogenesis and vertebrate morphology at the level of organs and organ systems. Involves detailed hands-on experiences on vertebrate structure through examination and dissection of representative specimens, including shark, mud-puppy and cat. Lect. 3 cr. hrs., Lab. 1 cr. hr. Prerequisites: BIOL 202 and 305.
- BIOL 423 SEMINAR: RESEARCH IN ALCOHOL AND DRUG ABUSE 3**  
Gives attention to the development of analytical, writing and communication skills, recent research in alcoholism, drug abuse and related problems; defense of research proposals. Prerequisite: Consent of instructor.
- BIOL 424 HONORS RESEARCH PROJECTS 3**  
Provides opportunities for trainees to work under supervision of advisors on research projects; defense of student thesis; scholarly papers. Prerequisite: Consent of instructor.
- BIOL 426 BIOLOGY FOR TEACHERS 4**  
Reviews basic biological concepts: what, how, when, where to

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obtain biological materials and a study of new strategies in instruction and ideas on course content and behavioral objectives. A laboratory-oriented course designed to provide a comparative evolution of secondary school biology curricula with emphasis on the more recent biology programs.

**BIOL 427 WILDLIFE MANAGEMENT TECHNIQUES 3**  
Emphasizes the introduction to some field techniques used to study and manage wildlife populations and their habitats. Students independently develop field projects, applying relative methods and techniques to study selected wildlife species. A written report as intended for publication and an oral presentation are required. Prerequisites: BIOL 103 and 104 or BIOL 113 and BIOL 114.

**BIOL 428 PRINCIPLES OF WILDLIFE DISEASES 4**  
Introduces the etiology, epizootiology, pathogenicity and control of major diseases affecting wildlife with an emphasis on modes of transmission, host-pathogen relationships and disease significance. Laboratory work will involve post-mortem examination techniques and basic disease recognition. Lect. 3 cr. hrs., Lab. 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.

**BIOL 433 LIMNOLOGY 4**  
Studies lakes and inland waters, the organisms living in them, and the factors affecting those organisms. Three lectures and one three-hour laboratory per week. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.

**BIOL 434 CONTEMPORARY BOTANY 4**  
Provides a survey of plant science including structure and function of leaves, stems, and roots of seed plants; reproduction in seed plants; life histories of bryophytes and primitive vascular plants; plant-environment interactions; an dlocal flora. Lect. 3 cr. hrs., Lab. 1 cr. hr. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114.

**BIOL 435 WETLAND ECOLOGY 3**  
Examines the influence that biological, chemical and physical wetland processes have on water quality is covered. Inland and coastal wetlands, specifically addressing their geographical and hydrologic conditions. The student acquires extensive knowledge of diverse wildlife habitats and populations in wetlands. Wetland ecosystem management practices as mandated by the United States Environmental Protection Agency are also covered. Prerequisites: BIOL 103 and 104 or BIOL 113 and 114; CHEM 111.

**BIOL 462 BIOCHEMISTRY/MOLECULAR BIOLOGY 3**  
Focuses on the study of gene structure/function at the molecular level and basic chemical and biological principles governing the regulation and expression of genetic information in prokaryotic and eukaryotic organisms. Examines structure and function relationships of macromolecules and how these relationships are involved in the processing of genetic information. BIOL 462 is the same course as CHEM 462. Prerequisites: BIOL 308; CHEM 461, or approval by the department head. Corequisite: BIOL 464 or CHEM 464.

**BIOL 464 BIOCHEMISTRY/MOLECULAR BIOLOGY LABORATORY 1**  
Provides students with "hands on" experiences in molecular biology/biotechnology. Experiments include the use of column chromatography to separate mixtures; use of electrophoresis to isolate proteins and DNA; use of restriction enzymes to cleave the DNA molecule; use of genetically engineered plasmid to transform *E.coli* cells, isolation and amplification of DNA using the polymerase chain reaction (PCR). BIOL 464 is the same course as CHEM 464. Prerequisites: BIOL 308, CHEM 461, or approval by the department head. Corequisite: BIOL 462 or CHEM 462.

## BUSINESS EDUCATION

**BE 300 HISTORY AND PHILOSOPHY OF VOCATIONAL EDUCATION 3**

Studies curriculum construction and evaluation in the secondary school, the professional growth of the teacher, trends in vocational education, and other issues and problems involved in teaching, acquaints students with the philosophy, principles, and problems in business and vocational education. Prerequisite: Junior standing and/or permission of instructor.

**BE 310 COOPERATIVE OFFICE EDUCATION 3**  
Develops, coordinates, and supervises cooperative office programs in the secondary school. Prerequisite: Junior standing and/or permission of advisor.

**BE 320 IMPROVING INSTRUCTION IN BUSINESS SUBJECTS 2**

Improves the instruction of business subjects, structure, strategies, and competencies used in teaching business subjects. Prerequisite: Must be taken semester before student teaching.

## CHEMISTRY

**CHEM 101 ENVIRONMENTAL CHEMISTRY 3**

Focuses on the role chemistry plays in the contemporary society. The relevance chemistry has to biological systems is explored. A number of fundamental concepts that are essential to general chemistry are also covered. This course is available via traditional classroom and web instruction.

**CHEM 105 GENERAL INORGANIC CHEMISTRY 3**

Prepares students for careers in nursing, home economics, nutrition, dietetics, physical education and other health sciences. The course content includes fundamental chemical laws, theories and principles important in chemistry. This course must be accompanied by CHEM 107.

**CHEM 106 ORGANIC AND BIOLOGICAL CHEMISTRY 3**

Is a continuation of CHEM 105. CHEM 106 is a study of the chemistry of hydrocarbons. Biochemistry is also emphasized. This course must be accompanied by CHEM 108 Laboratory. Prerequisite: CHEM 105 or 111.

**CHEM 107 GENERAL INORGANIC CHEMISTRY LABORATORY 1**

Runs concurrently with CHEM 105. Students are given practical laboratory hands on experience in General Inorganic Chemistry. This class meets one time per week for a total of 3 hours.

**CHEM 108 ORGANIC AND BIOLOGICAL CHEMISTRY LABORATORY 1**

Provides experiments in the areas of organic and biochemistry. Topics include thin layer chromatography, melting point/boiling point determination and synthesis of organic compounds. This course should be taken concurrently with CHEM 106. Prerequisite: CHEM 105.

**CHEM 111 GENERAL CHEMISTRY I 3**

Covers content including stoichiometry, chemical reactions, chemical bonding, and the structure of atoms. Designed for science and mathematics majors, this class should be taken concurrently with the laboratory class, CHEM 113.

**CHEM 112 GENERAL CHEMISTRY II 3**

Is a continuation of CHEM 111. Chemical kinetics, liquids/solids, chemical thermodynamics and equilibria are covered. This class

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should be taken concurrently with the laboratory class, CHEM 114. Prerequisites: CHEM 111, CHEM 113.

**CHEM 113 GENERAL CHEMISTRY LABORATORY 1**  
Covers topics including laboratory safety, chemical reactions, graphing techniques and stoichiometry. This course is taken concurrently with CHEM 111. This class meets once a week for three hours.

**CHEM 114 GENERAL CHEMISTRY LABORATORY 1**  
Covers topics including solubility, hydrates and chemical reactions. This laboratory course should be taken concurrently with CHEM 112. This class meets once a week for three hours.

**CHEM 210 RESEARCH INTERNSHIP 1**  
Introduces research via an association with a departmental research group. Enrollment in CHEM 210 is on the recommendation of the . This course may be taken four times for credit. Prerequisite: CHEM 112.

**CHEM 223 ORGANIC CHEMISTRY I 3**  
Examines the behavior of hydrocarbons and their derivatives. Topics covered include alkanes, alkyl halides, alcohols, alkenes, alkynes and stereochemistry. This course must be accompanied by CHEM 225. Prerequisites: CHEM 112, CHEM 114.

**CHEM 224 ORGANIC CHEMISTRY II 3**  
Is a continuation of CHEM 223. This course focuses on aromatic compounds, amines, carboxylic acid and derivatives of carboxylic acids. The area of polymer science is also introduced. Prerequisite: CHEM 223.

**CHEM 225 ORGANIC CHEMISTRY LABORATORY 1**  
Complements CHEM 223 and should be taken concurrently with the lecture. This course focuses on separation and characterization techniques that are vital to the organic chemist. Topics covered include crystallization, melting point/boiling point determination, distillation and chromatography.

**CHEM 226 ORGANIC CHEMISTRY LABORATORY 1**  
Runs concurrently with CHEM 224. This course emphasizes the synthesis and characterization of organic compounds. Also covered is chemical information retrieval. Prerequisite: CHEM 223 or equivalent course.

**CHEM 230 QUANTITATIVE ANALYSIS LECTURE 3**  
Provides students with an introduction to the theory of Gravimetric and Titrimetric methods of chemical analysis. The basic principles governing different chemical equilibria, including ionic, acid/base and complex formation equilibria, are also emphasized. Statistical interpretation of data is also discussed. Prerequisite: CHEM 112.

**CHEM 232 QUANTITATIVE ANALYSIS LABORATORY 2**  
Accompanies CHEM 230. Introduces students to wet-chemical analytical methods that may include gravimetric and titrimetric. Students are also taught to statistically treat and interpret experimental data.

**CHEM 236 PRACTICAL INORGANIC CHEMISTRY 2**  
Focuses on the synthesis and physical characterization of inorganic compounds. The course includes six hours per week of laboratory experience. Spectroscopy and other synthetic procedures are emphasized. The prerequisite for the course is a grade of "C" or better in CHEM 112; or approval by the department head.

**CHEM 341 PHYSICAL CHEMISTRY 3**  
Surveys the principles of Physical Chemistry including thermodynamics, phase equilibria and electrochemistry. This course emphasizes the principles governing the interaction of matter and energy. Students will develop critical thinking and computa-

tional skills in this class. Prerequisites: CHEM 230/232 and MATH 154.

**CHEM 342 PHYSICAL CHEMISTRY 3**  
Is a continuation of CHEM 341. Kinetics, quantum mechanics and spectroscopy are covered. The properties of atoms and molecules is also emphasized. Prerequisite: CHEM 341.

**CHEM 343 PHYSICAL CHEMISTRY LABORATORY 1**  
Complements CHEM 342 and should be taken concurrently with the course. Experiments include the use of physical chemistry techniques to examine the properties of solids, liquids, gases, reaction kinetics, and systems at equilibrium. This course requires extensive writing and computational skills.

**CHEM 344 PHYSICAL CHEMISTRY LABORATORY 1**  
Provides a selection of experiments focusing on the principles of Physical Chemistry. This course requires extensive writing and computational skills. CHEM 344 should be taken concurrently with CHEM 342.

**CHEM 410 CHEMICAL LITERATURE/ INDEPENDENT STUDY 1**  
Improves the student's proficiency in chemical information retrieval, scientific presentations and research methodology. This course should be taken prior to or concurrently with CHEM 450. Standard databases of chemical information are examined, including the internet. Prerequisite: CHEM 224.

**CHEM 420 ADVANCED ORGANIC CHEMISTRY 3**  
Builds on the foundation that was laid in CHEM 223 and CHEM 224. Topics covered include multistep synthesis, protecting groups and functional group interconversion. Emphasis is placed on reactions that are useful to the synthetic chemist. Prerequisite: CHEM 342.

**CHEM 430 INSTRUMENTAL ANALYSIS LECTURE 2**  
Introduces students to the basic physical and chemical principles upon which modern scientific instrumentation are based. The application of modern instrumentation to both qualitative and quantitative analysis is discussed. Modern instrumental methods such as electrochemistry, spectroscopy, and chromatography are presented in detail. Prerequisite: CHEM 342.

**CHEM 432 INSTRUMENTAL ANALYSIS LABORATORY 2**  
Complements CHEM 430 and should be taken concurrently with the course. This laboratory course provides students with hands-on experience in the use of state-of-the-art scientific instrumentation. Quantitative analysis of unknowns using electrochemical, spectroscopic or chromatographic instrumentation is also emphasized. Prerequisites: CHEM 224 and CHEM 230.

**CHEM 434 INORGANIC CHEMISTRY 3**  
Builds a foundation in the basic principles of modern inorganic chemistry. This course employs a descriptive approach to understanding the spatial arrangements of orbitals and includes a discussion of atomic and molecular orbital theories. Other topics of study include atomic and molecular structure, molecular shape and symmetry.

**CHEM 435 COOP WORK EXPERIENCE 3-6**  
Provides an opportunity for chemistry majors to receive credit for work experience in chemical laboratories for a summer (3 hrs) or a semester (6 hrs). The student must have a 2.5 GPA and have the approval of the department head. The student will be evaluated by the Coop Mentor as well as GSU chemistry faculty.

**CHEM 450 INDEPENDENT STUDY/ RESEARCH 2-6**  
Focuses on the development of techniques that will allow the planning and implementation of a research project. The student

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is given a project that requires library research as well as a laboratory investigation. This course also emphasizes the development of written and oral communication skills. Prerequisite: Approved by faculty advisor.

**CHEM 451 SEMINAR 1**  
Focuses on the development of presentation skills. Technical presentations are given on a selected topic. Attendance at seminars given by invited speakers is also required.

**CHEM 452 SPECIAL TOPICS IN INORGANIC/ PHYSICAL CHEMISTRY 2**  
Focuses on recent advances in physical and inorganic chemistry. The topics covered will vary. They may include electronic spectra of complexes, d and f-block organometallic compounds and quantum theory. Prerequisite: CHEM 342.

**CHEM 461 BIOCHEMISTRY 3**  
Introduces essential biochemical principles. Students are exposed to structure/function relationships of biomolecules. The metabolic role of various biomolecules in living systems is also emphasized. Prerequisite: CHEM 224 or approval by the department head.

**CHEM 462 BIOCHEMISTRY/MOLECULAR BIOLOGY 3**  
Focuses on the study of gene structure/function at the molecular level, and basic chemical and biological principles governing the regulation and expression of genetic information in prokaryotic and eukaryotic organisms. Examines structure and function relationships of macromolecules and how these relationships are involved in the processing of genetic information. The role complexes (DNA-DNA, DNA-RNA and DNA-protein, protein-protein, etc.) is of paramount importance in cellular processes such as replication, transcription, and translation. CHEM 462 is the same course as BIOL 462. Prerequisites: CHEM 461, BIOL 308 or approval by the department head. Corequisite: CHEM 462 or BIOL 462.

**CHEM 464 BIOCHEMISTRY/MOLECULAR BIOLOGY LAB 1**  
Provides students with "hands on" experiences in molecular biology/biotechnology. Experiments include the use of column chromatography to separate mixtures; use of electrophoresis to isolate proteins and DNA; use of restriction enzymes to cleave the DNA molecule; and, use of genetically engineered plasmid to transform *E.coli* cells. In addition, students will perform experiments to isolate and amplify DNA using the polymerase chain reaction (PCR). CHEM 464 is the same course as BIOL 464. Prerequisites: BIOL 308, CHEM 461 or approval by the department head. Corequisite: CHEM 462 or BIOL 462.

**CHEM 470 POLYMER CHEMISTRY 3**  
Introduces the student to polymer science. Topics covered include step-growth polymerization, condensation polymerization, and molecular weight determination. Also covered is the effect structure and molecular weight has on the physical properties of polymers. Prerequisite: CHEM 342 or approval by the department head.

**FCHE 202 INTRODUCTION TO FORENSIC CHEMISTRY 1**  
Introduces the theory and practice of physical evidence analysis using case studies. A survey of chemical investigations based on reported crime scene investigations is included. Prerequisite: CHEM 230 and CJ 202.

**FCHE 302 PHYSICAL METHODS IN FORENSIC CHEMISTRY 2**  
Involves the training of students in the application of chemistry

to the analysis of physical evidence. Examples of physical evidence topics include analysis of arson accelerant, photography, hair and fiber analysis, drug analysis, serial number restoration, gunshot and explosive residues, papers and inks, metals, glass, and paint. Laboratory techniques will include gas chromatography, atomic absorption spectroscopy, electrophoresis, infrared spectroscopy, thin layer chromatography, and UV/VIS spectroscopy. Prerequisite: CHEM 232 or approval by the department head.

**FCHE 455 FORENSIC INTERNSHIP 4**  
Offers credit for professional experience in forensic chemistry acquired through internship with an agency. A final report must be submitted for credit. Students must pre-register for the course. Prerequisite: Approval by the department head.

### CHILD DEVELOPMENT

**CDFR 100 CHILD DEVELOPMENT AND FAMILY RELATIONS SEMINAR 3**  
Studies the interpersonal relationships between a couple and among family members. Discussion will focus on development of interpersonal commitment, mate selection, types of families (single-parent, dual-career, nuclear), family crises, childrearing patterns, parents' contribution to child development, family finance, and other related topics. Emphasis will be on physical, cognitive personality, and social development of the child relationship to the family.

**CDFR 102 CHILD DEVELOPMENT 3**  
Studies the child's physical, cognitive, social, and emotional development from conception through adolescence. Students study biological and environmental foundations and influences including cross-cultural issues. Emphasis is placed on research and theory in child development.

**CDFR 103 OBSERVATIONAL TECHNIQUES 3**  
Includes the acquisition and application of basic observation skills regarding children's physical, cognitive, social, and emotional development. This course includes discussion and laboratory work. Scheduled observation in the Child Development Center is met through concurrent enrollment in CDFR 102.

**CDFR 104 CURRENT ISSUES IN CHILD DEVELOPMENT 3**  
Provides a broader and deeper understanding of contemporary controversial issues in child development. Students will learn fundamentals of social, emotional, and cognitive development from infancy through puberty and will study clashing theoretical explanations of these developments. Students will apply their knowledge by preparing position papers and participating in debates on a number of urgent issues children present to society. The course takes a topical rather than "ages and stages" approach to development.

**CDFR 105 PRENATAL- INFANT DEVELOPMENT 3**  
Examines infant development and behavior as related to genetics, prenatal development, prenatal influences, birth process, and postnatal development. Special emphasis is on sensory-perceptual, social-emotional, and cognitive development processes. Students will be required to make observations.

**CDFR 202 DEVELOPMENTALLY APPROPRIATE CURRICULUM FOR CHILDREN: THEORY TO PRACTICE 3**  
Examines anti-bias curriculum development, instructional techniques and materials with relation to the developmental stages of young children. Students in this class work directly with young children. Emphasis is placed on the selection and preparation of

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developmentally appropriate materials. Teaching methods are introduced.

## **CDFR 207 ADMINISTRATION OF CHILD DEVELOPMENT 3**

Studies the role of the administrator in various types of licensed childcare facilities. Topics include program, fiscal, licensing, personnel, legal, and management aspects of children's programs. Includes participation in budget development, time management, observation of decision-making, and leadership styles in various programs, development of program philosophy, and staff evaluation. Guidance techniques are taught.

## **CDFR 208 CHILD DEVELOPMENT PRACTICUM 3**

Provides the student a meaningful and worthwhile experience in the actual development and operation of an early childhood program. Pre-and -post-practicum seminars concerning the day's experiences contribute to the students' insight and understanding. Students are engaged in supervised observation and participation in a childcare center. Scheduled critiques and planned evaluations are done with students, supervisor, and teacher. Students must complete a minimum of 100 clock hours.

## **CDFR 209 MARRIAGE AND FAMILY RELATIONSHIPS 3**

Introduces marriage and family relationships that incorporate psychological, physiological, and social aspects of close personal relationships. Topics include dating, courtship, parenting, marriage, family life, dual career marriages, single parenting, and other contemporary issues related to one life.

## **CDFR 210 RESEARCH METHODS IN CHILD DEVELOPMENT 3**

Acquaints students with the research journals of child development. Various areas and issues of child development are appraised through the research studies that have been performed. Emphasis is given to the design and results of the studies researched.

## **CDFR 259 ISSUES IN ASSESSMENT FOR CHILDREN AND FAMILIES 3**

Provides an overview of child and family assessment. The course offers the student both research-based theory and practical application in these areas. Students will apply their knowledge gained during class sessions and readings to relevant assigned projects and papers.

## **CDFR 400 NURSERY SCHOOL/ KINDERGARTEN EDUCATION 3**

Aids in developing skills necessary for effective directing of learning skills in child care centers and kindergarten. Additional the course stresses technique of guidance, interpersonal relationships, and parental involvement. One hour per week of directed observation and participation is required.

## **COMPUTER INFORMATION SYSTEMS**

### **CIS 115 INTRODUCTION TO COMPUTERS AND SOFTWARE APPLICATIONS 3**

Provides an overview of computer information systems and extensive hands-on exercises using application software. The emphasis is placed upon computer hardware, software, procedures, data and human resources, and the integration and application of computer software including word-processing, spreadsheets, database management, and presentation and communication. A graphics-based operating system is also covered.

### **CIS 120 PROBLEM SOLVING 3**

Offers a foundation course in problem solving that emphasizes business problem solving with programmable solutions. The content includes problem solving concepts; procedures for structured problem solving; flowchart logic diagramming; data structured algorithms development for programmable problem solutions using pseudocode; verification of the algorithms; input, process, output and computer user interface design; and introduction to computer-based implementation of the programmable solutions using high-level languages. Prerequisite: CIS 115. (Formerly CIS 302).

### **CIS 203 BUSINESS PROGRAMMING USING COBOL 3**

Emphasizes the fundamentals of structured program design. The life cycle of program development, file structures, reports, user interface design, pseudocode, coding, testing, documenting, and maintenance are covered Prerequisite: CIS 120 (Formerly CIS 303)

### **CIS 204 ADVANCED BUSINESS PROGRAMMING USING COBOL 3**

Emphasizes the use of magnetic media including disks and tapes to maintain business files. Topics such as accessing magnetic media files, sorting and merging files, and creating and updating sequential master files and indexed files are covered. VSAM files and JCL for IBM computers are also introduced. Prerequisite: CIS 203. (Formerly CIS 310)

### **CIS 209 BUSINESS OBJECT-ORIENTED PROGRAMMING I 3**

Develops programmable solutions to different types of business problems using an object orientation approach to programming. Data structure topics include recursion, sorting techniques, tree structures, queues, dynamic memory allocation and deallocation. Programming concepts, data types, structures, enumerations, classes, objects, arrays and array structures are covered in the course. Prerequisite: CIS 120. (Formerly CIS 309)

### **CIS 210 BUSINESS OBJECT-ORIENTED PROGRAMMING II 3**

Introduces students to an object oriented programming environment that is used for general-purpose business programs and more especially for interactive World Wide Web-based Internet applications. The course concentrates on e-commerce applications. Prerequisite: CIS 120, CIS 209.

### **CIS 215 INFORMATION SYSTEMS 3**

Introduces the theoretical foundation and evolution of information systems. The systems approach to modeling a business organization and its environment is studied. The organizational Computer-based Information Systems are analyzed. Ethical implications of Information Technology are discussed. Advanced hands-on application tools for business productivity are covered in the computer laboratory. Prerequisite: CIS 115 and GB 150. (Formerly CIS 307)

### **CIS 308 DECISION ANALYSIS FOR BUSINESS APPLICATIONS 3**

Introduces the philosophy and techniques of problem solving. Different quantitative methods and decision support software are used to solve business applications. Topics include dynamic, integer and linear programming, network, assignment, transportation, forecasting, inventory & production, decision analysis, steady state queues, markov chain and simulation models. Prerequisites: CIS 120, ECON 202, MAN 301, and GB 202.

### **CIS 320 COMPUTER INFORMATION SYSTEMS INTERNSHIP 3**

Offers supervised learning experience in government or industry

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to provide the student with on-the-job professional development in information systems. Prerequisite: Letter from industry offering an internship in an IS Division, CIS 120, CIS 215, and Approval of advisor and department head.

**CIS 337 MICRO-BASED INFORMATION SYSTEMS APPLICATIONS 3**

Studies computer components, especially the multimedia peripherals for personal computers, that are currently available in the market. A major portion of the course is devoted to reviewing Microcomputer-based Information Systems as business productivity tools. Hands-on applications of the tools are practiced in the computer laboratory. Prerequisite: CIS 115.

**CIS 365 USER INTERFACE PROGRAMMING 3**

Introduces to the student programming in a user interface environment. The course focuses on software application programming using the Microsoft Visual Basic Integrated Development Environment (IDE). Students will learn the methods for creating a graphical user interface (GUI) and developing software code for interacting with the user. Prerequisite: CIS 120.

**CIS 371 SYSTEMS ANALYSIS FOR BUSINESS 3**

Provides a detailed analysis of the system development life cycle. Emphasis is placed on the tools and techniques that a project leader, systems analyst, and programmer would use to design and document an information system. Various skills which the systems analyst should possess, including communication, problem solving, and project management are discussed. Prerequisites: CIS 120 and CIS 215.

**CIS 372 ADVANCED SYSTEMS ANALYSIS FOR BUSINESS 3**

Discusses Structured and Object-Oriented Methodologies. Strategies and techniques of structured analysis and structured design are emphasized. CASE tools will be used. Prerequisite: CIS 371.

**CIS 375 DATA COMMUNICATION SYSTEMS AND NETWORKING 3**

Examines fundamentals of data communication concepts and networks are introduced. A major portion of the course is devoted to understanding data communication media, equipment and terminals, data transmission and standards, protocols, and networks. Data communication environments, regulatory issues, and network management are discussed. Students are exposed to network applications in the computer laboratory. Prerequisite: CIS 120 and CIS 215.

**CIS 381 DATABASE SYSTEMS 3**

Introduces database and database management systems concepts. Different data models, with emphasis on the Entity Relationship (ER), the Relational Data, and Object-Oriented models will also be introduced. Students will have the experience of designing, developing, and implementing relational database applications. Students will be able to write intermediate-level SQL queries. Prerequisite: CIS 120 and CIS 215.

**CIS 385 NEW GENERATION LANGUAGES 3**

Presents programming techniques associated with modern computer languages with emphasis on fourth/fifth generation languages (4GL/5GL). Applications to client/server systems, object technology and web site development are practiced in the computer laboratory. Prerequisites: CIS 120 and CIS 215.

**CIS 401 SPECIAL TOPIC IN COMPUTER INFORMATION SYSTEMS 3**

Provides a body of knowledge based on innovative technology or concepts in the information systems area. The theoretical foundation and applications of the body of knowledge are em-

phasized. Prerequisites: CIS 120, CIS 215, and consent of instructor.

**CIS 405 INFORMATION SYSTEMS FOR STRATEGIC PLANNING 3**

Presents issues relating to information resources for strategic planning with emphasis on business organizations. The use of modern computer technology in solving strategic planning problems is discussed. Prerequisite: CIS 215 and CIS 371.

**CIS 415 OPERATING SYSTEMS 3**

Emphasizes concepts and features of UNIX Operating System and applications of UNIX commands to realistic situations. The multi-user UNIX environment's applications to micro, mini and mainframe computers are practiced in the computer laboratory. Prerequisite: CIS 120.

**CIS 430 INDEPENDENT STUDY 3**

Investigates an area of specialty under the supervision of a designated faculty member. Permission of Faculty Supervisor and approval of required.

**CIS 479 PROJECT MANAGEMENT 3**

Provides a capstone course for students with integrated course experiences. Students will manage real IS projects for business/organizations located in the community. Prerequisite: CIS 371 and CIS 381.

## COMPUTER SCIENCE

**CS 107 COMPUTERS AND SOCIETY 3**

Offers an entry-level course intended to satisfy the General Education Requirements for non-science majors. It covers the basic facts about hardware and software from a user's perspective. Students gain hands-on experience in the use of a word processor, a spreadsheet program, a database, and the Internet. Prerequisite: College admission.

**CS 108 PROGRAMMING IN FORTRAN 3**

Is an introductory programming course proposed to teach students the basics of program design and development. Students are expected to develop programs using the FORTRAN language. Prerequisite: College admission.

**CS 110 COMPUTER SCIENCE I 3**

Introduces computer science majors to programming and the scope of computer science. It covers the basics of hardware and software, number systems, program development, and object-oriented concepts. It also familiarizes students with the main areas of computer science including social and ethical issues. Prerequisite: College admission.

**CS 120 COMPUTER SCIENCE II 3**

Emphasizes object-oriented program development and the basics of the concept of algorithmic complexity. It covers programming techniques and algorithms including recursion, exception handling, sorting, and searching. It also covers data structures such as linked lists, stacks, and queues. Prerequisite: A grade of C or better in CS 110.

**CS 205 PROGRAMMING IN C 3**

Offers an introductory programming course covering the basics of program design and development. Students are expected to develop programs using the C language. Prerequisite: College admission.

**CS 206 PROGRAMMING IN C++ 3**

Examines the basics of object-oriented program design and development. Students are expected to develop programs using

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the C++ language. Prerequisites: A grade of C or better in CS 120 or CS 205.

## **CS 210 DISCRETE STRUCTURES 3**

Covers the fundamental mathematical structures needed in the study of computing. Topics include sets, relations, functions, logic, Boolean algebra, combinatorics, trees, graphs, and finite state machines. The course also covers deductive and inductive proof techniques. Prerequisite: A grade of C or better in CS 110.

## **CS 225 COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE 3**

Covers the register-level architecture of modern computer systems. Topics include instruction formats, registers, addressing modes, instruction execution cycle, and I/O interfaces. An assembly language is studied and used in programming assignments. Prerequisite: A grade of C or better in CS 120.

## **CS 235 DATA STRUCTURES 3**

Covers the definition, representation, manipulation, and application of data structures. Topics include arrays, lists, hash tables, indexes, stacks, queues, trees, graphs, and files. Concepts of time and space complexity are emphasized through various algorithms that manipulate internal and external data. Prerequisite: A grade of C or better in CS 120, 210.

## **CS 300 COMPUTER SCIENCE SEMINAR I 1**

Offers students the opportunity to study topics not covered in regular courses. Students choose, subject to instructor's approval, a topic for research. Students are required to present their findings in written reports and oral presentations. Prerequisite: A grade of C or better in CS 235.

## **CS 310 SOFTWARE ENGINEERING 3**

Covers the principles, methodologies, and tools used in the development of large-scale software systems. Students learn the various models that describe the stages of the lifecycle of large systems. The course emphasizes the technical, organizational, legal, and ethical aspects of software development. Prerequisite: A grade of C or better in CS 235.

## **CS 320 DATABASE MANAGEMENT SYSTEMS 3**

Emphasizes data modeling and the theory and practice of the relational model. It covers the services offered by modern database management software and the role of such software in the development of systems. Non-relational models are also introduced. Prerequisite: A grade of C or better in CS 235.

## **CS 336 PROGRAMMING LANGUAGE CONCEPTS 3**

Provides a comparative study of the paradigms and constructs found in different programming languages. It also covers the run-time environment of programs. Formal methods for the specification of syntax and semantics are introduced. Prerequisite: A grade of C or better in CS 235.

## **CS 345 OPERATING SYSTEMS 3**

Introduces students to the evolution, structure, functions, and services of operating systems. Topics include resource management, performance, and security. Different operating systems are contrasted and compared. Prerequisites: A grade of C or better in CS 225 and CS 235.

## **CS 360 DESIGN AND ANALYSIS OF ALGORITHMS 3**

Presents a classification of algorithms and provides rigorous treatment of their complexity. It covers the mathematical tools needed to study the space and time complexity of algorithms. It also introduces students to the issues of computability and decidability. Prerequisite: A grade of C or better in CS 235.

## **CS 371 COOP EXPERIENCE I 6**

Offers this through a cooperative education program with indus-

try and government agencies. Its goal is to offer students opportunities to apply their knowledge in solving real-world problems. Students are also exposed to the corporate culture and develop soft skills in addition to technical skills. Credit for this course cannot be applied towards graduation requirements. Prerequisite: Consent of department head.

## **CS 372 COOP EXPERIENCE II 6**

Is offered through a cooperative education program with industry and government agencies. Its goal is to offer students opportunities to apply their knowledge in solving real-world problems. Students are also exposed to the corporate culture and develop soft skills in addition to technical skills. Credit for this course cannot be applied towards graduation requirements. Prerequisite: Consent of department head.

## **CS 400 COMPUTER SCIENCE SEMINAR II 1**

Offers students the opportunity to study topics not covered in regular courses. Students choose, subject to instructor's approval, a topic for research. Students are required to present their findings in written reports and oral presentations. Prerequisites: A grade of C or better in CS 300 and any two of CS 310, CS 320, CS 336, and CS 345.

## **CS 405 SOFTWARE DEVELOPMENT 3**

Offers an in-depth study of object-oriented technology. Methodologies, techniques, and tools are studied and used. Students are expected to develop significant team projects applying the knowledge they gained in this course and in their previous courses. Prerequisite: A grade of C or better in CS 310.

## **CS 414 COMPUTER ARCHITECTURE 3**

Covers the functions of the different subsystems in modern computers. It also covers the transfer of data and control information among the subsystems. The course explores the design trade-offs found in different architectures and the techniques used to speed up program execution. Prerequisite: A grade of C or better in CS 345 or consent of department head.

## **CS 419 COMPUTER NETWORKS 3**

Covers the rationale for the OSI reference model and the functions of its layers. Representative communication protocols are studied. The course also covers the characteristics of various communication media and network topologies. Students are introduced to tools and techniques for measuring and analyzing the performance of networks. Prerequisite: A grade of C or better in CS 345.

## **CS 424 ADVANCED PROGRAMMING TECHNIQUES 3**

Covers advanced features of one or more languages, tools, and packages that are used to develop complex applications. Representative applications are client/server programming, systems programming, and real-time programming. The emphasis on each topic may vary among different offerings of the course. Prerequisites: A grade of C or better in CS 336 and CS 345.

## **CS 426 ARTIFICIAL INTELLIGENCE 3**

Surveys the breadth of the field of artificial intelligence. It also covers the issues involved in the design and implementation of programs that exhibit intelligent behavior. Topics include knowledge representation, planning, reasoning, control, search, and heuristics. Prerequisites: A grade of C or better in CS 310, CS 320, CS 336, and CS 345.

## **CS 428 COMPUTER GRAPHICS 3**

Covers the fundamentals of graphics hardware including display devices and specialized processors. It also covers the data structures and algorithms necessary to represent and manipulate images. Students also learn to use graphics packages. Pre-

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requisites: A grade of C or better in CS 310, CS 320, CS 336, and CS 345.

**CS 431 COMPILING TECHNIQUES 3**  
Covers the principles of compiler design. Topics include lexical analysis, syntax analysis, code generation, and optimization. The course also covers the tools used to develop compilers. Prerequisites: A grade of C or better in CS 310, CS 320, CS 336, and CS 345.

**CS 440 COMPUTER PERFORMANCE EVALUATION 3**  
Covers the principles of measuring and evaluating the performance of hardware and software systems. Topics include workload characterization, hardware/software monitors, simulation models, and measurement interpretation. Students also learn about available tools and packages. Prerequisites: A grade of C or better in CS 310, CS 320, CS 336, CS 345, and STAT 274.

**CS 445 MODELING AND SIMULATION 3**  
Covers the use of simulation as a tool to predict system behavior. Topics include statistical models, computer-based simulation, simulation languages, simulation packages, and result interpretation. Applications are drawn from diverse areas of science and engineering. Prerequisites: A grade of C or better in CS 310, CS 320, CS 336, CS 345 and STAT 274.

**CS 450 PARALLEL PROCESSING 3**  
Examines the different architectures of multiprocessor computer systems. Topics include interconnection networks, memory distribution, performance, and scalability. The course also covers the development of parallel algorithms and their portability across different architectures. Prerequisites: A grade of C or better in CS 310, CS 320, CS 336, CS 345 and CS 414.

**CS 454 THEORY OF COMPUTING 3**  
Covers the theoretical foundations of computing. Topics include formal languages, grammars, abstract models of language recognizers, and recursive functions. The course also covers the issues of decidability/undecidability and introduces complexity theory. Prerequisites: A grade of C or better in CS 310, CS 320, CS 336, and CS 345.

**CS 456 SPECIAL TOPICS IN COMPUTER SCIENCE 3**  
Provides course contents that vary and are determined by advances in the field of computer science and the interest of the faculty. Prerequisites: A grade of C or better in CS 310, CS 320, CS 336, CS 345 and consent of instructor.

**CS 459 SPECIAL TOPICS IN DATABASE MANAGEMENT SYSTEMS 3**  
Provides course contents that vary and are determined by advances in the field of database management systems and the interest of the faculty. Prerequisites: A grade of C or better in CS 310, CS 320, CS 336, and CS 345.

**CS 462 SPECIAL TOPICS IN SOFTWARE ENGINEERING 3**  
Provides course contents that vary and are determined by advances in the field of software engineering and the interest of the faculty. Prerequisites: A grade of C or better in CS 310, CS 320, CS 336, and CS 345.

**CS 471 COOP EXPERIENCE III 6**  
Offers a course through a cooperative education program with industry and government agencies. Its goal is to offer students opportunities to apply their knowledge in solving real-world problems. Students are also exposed to the corporate culture and develop soft skills in addition to technical skills. Credit for this

course cannot be applied towards graduation requirements. Prerequisite: Consent of department head.

**CS 472 COOP EXPERIENCE IV 6**  
Offers a course through a cooperative education program with industry and government agencies. Its goal is to offer students opportunities to apply their knowledge in solving real-world problems. Students are also exposed to the corporate culture and develop soft skills in addition to technical skills. Credit for this course cannot be applied towards graduation requirements. Prerequisite: Consent of department head.

### CONSTRUCTION ENGINEERING TECHNOLOGY

**CET 203 ENGINEERING SURVEYING I 3**  
Examines the theory principles, and practices of surveying. Levelling, topographic surveying, triangulation, and other basic construction application of surveying procedures. Course includes lecture and field exercises. Prerequisite: Math 147 or higher.

**CET 204 ENGINEERING SURVEYING II 3**  
Provides a continuation of Engineering Surveying I Use of the total Station Surveying Equipment, topographical travers, construction and route surveying. Prerequisite: CET203.

**CET 210 COOPERATIVE WORK EXPERIENCE 6**  
Coordinates work experience in business/industry and students submit a comprehensive written report of the experience. Prerequisite: Junior or major only or consent of the. CET 210 is offered during th esummer session.

**CET 211 COOPERATIVE WORK EXPERIENCE 12**  
Coordinates work experience in business/industry and students submit a comprehensive written report of the experience. Prerequisite: Junior or major only or consent of the department head.

**CET 212 COOPERATIVE WORK EXPERIENCE 12**  
Coordinates work experience in business/industry and students submit a comprehensive written report of the experience. Prerequisite: Junior or major only or consent of the department head.

**CET 301 CONSTRUCTION MATERIALS METHODS, EQUIPMENT & ESTIMATING 3**  
Studies construction materials and their evolution, building systems and methods, construction equipment types and use and the various methods of estimating these individual items. Prerequisites: ETC 202 & 222.

**CET 401 STRUCTURE DESIGN-WOOD AND STEEL 2**  
Explores principles of structural design in wood and steel. Demonstrates and practices the analysis of design of wood and steel structural members in conformance to code and industry

**CET 402 REINFORCED CONCRETE DESIGN 2**  
Examines principles of structural design in concrete. Demonstrates and practices the analysis of design of simple and continuous reinforced concrete beams, slabs, and columns. Prerequisites: MATH154, ETC 301 & 306. Corequisite: CET 422.

**CET403 HYDRAULICS 3**  
Studies the fundamentals and theory of fluid mechanics and covers fluid flow in pipes and in open channels and pressures resulting there from. Prerequisite: MATH 153.



# UNDERGRADUATE COURSES OF INSTRUCTION

- CET 405 SOIL AND FOUNDATION ANALYSIS AND DESIGN 2**  
Covers basic principles of soil properties as an engineering material that includes soil testing. Basic design procedures of spread, footings, piling, caissons, and retaining walls will be covered. Prerequisites: MATH154 & CET 301; Corequisite: CET 425.
- CET 407 CONSTRUCTION MANAGEMENT, CONTRACTS, SPECIFICATIONS AND LAW 3**  
Examines the responsibilities and duties of the construction manager, and the building contractor, principles and practices of construction contracting, synchronization and cost control of construction activities, use of specifications and law pertaining to construction industry. Prerequisite: CET 01.
- CET 421 STRUCTURE DESIGN-WOOD AND STEEL LAB 1**  
Provides laboratory practices in incorporating principles of structural design of wood and steel. Corequisite: CET 421.
- CET 422 REINFORCED CONCRETE DESIGN LAB 1**  
Provides laboratory practices in incorporating principles of reinforced concrete design. Prerequisites: ECT301 & 306. Corequisite: CET 402.
- CET 425 SOIL AND FOUNDATION ANALYSIS AND DESIGN LAB 1**  
Covers basic soil testings such as water-content determination, sieve analysis, compaction, direct shear test, consolidation and simple foundation designs. Prerequisites: MATH 153 & CET 301; Corequisite: CET 405.
- CET 430 CONSTRUCTION ENGINEERING TECHNOLOGY WORKSHOP 1-3**  
Provides contents of each workshop related to one of the local areas of emphasis in technology.

## CRIMINAL JUSTICE

- CJ 101 INTRODUCTION TO CRIMINAL JUSTICE 3**  
Provides an introductory course to familiarize the student with the criminal justice system as a whole. Included is an examination of its historical development and organization. Also, the functions and interrelationships of local, state, and federal agencies involved in the administration of criminal justice are studied.
- CJ 201 CRIMINAL LAW 3**  
Surveys the fundamentals of laws relating to crimes and offenses and punishment for their violations. The course includes an examination of both Federal and Louisiana's criminal codes. Also considered are the purposes and functions of the substantive criminal law.
- CJ 202 CRIMINAL PROCEDURE AND EVIDENCE 3**  
Studies both Federal and Louisiana criminal procedural codes including those affecting arrest, search and seizure, trial, and post-conviction remedies. Also scrutinized are the major court decisions concerning criminal procedures and evidence as they have shaped the rules governing the admissibility of evidence, the types and degrees of evidence, and the collection and preservation of evidence.
- CJ 204 CRIMINOLOGY 3**  
Studies the major historical and contemporary theories and explanations about the nature of crime, criminals, and their behavior. Also included are an overview of society's reactions toward criminals and corrective institutions and an exploration of current issues and problems in crime prevention and control.

- CJ 211 CRIMINAL INVESTIGATION 3**  
Examines the varied techniques of criminal investigation. Case studies are presented to explain the importance of acquiring quantum proof in criminal investigations and to illustrate the probative value of physical evidence. (Elective)
- CJ 241 FUNDAMENTALS OF LAW ENFORCEMENT AND SECURITY SYSTEMS 3**  
Examines the organizational and operational principles of law enforcement and security systems. An exhaustive review of the roles, activities, services, and problems of law enforcement and security with regard to the community, the government, and other social institutions is undertaken. The course focuses on police discretion, the police subculture, and the various operational and organizational styles usually seen in these work settings.
- CJ 251 JUVENILE JUSTICE AND DELINQUENCY 3**  
Discusses abused, neglected, and delinquent children and the juvenile justice system that has evolved to address their needs and problems. This course studies the topics from social, cultural, legal, political, economic, and historical perspectives. The etiology and epidemiology of delinquency, neglect, and abuse will be examined as well as the numerous methods to control, prevent, and treat these children. Also included is an analysis of the history, philosophy, and purpose of the juvenile justice system and how they differ from the adult criminal justice system.
- CJ 301 COMMUNITY RELATIONS IN CRIMINAL JUSTICE 3**  
Presents the main strategies to institute, maintain, and foster positive, proactive relationships between those working in the criminal justice system and the people in the communities they serve. Topics to be included are active citizen involvement in the criminal justice process, police and community relations, and corrections and community relations. The impact that race relations, special interest groups, and the mass media have on community relations is studied as is the victims' rights movement. (Elective)
- CJ 316 SUBSTANCE ABUSE 3**  
Deals with the various substances, including drugs and alcohol, both legal and illegal, that are currently being used, misused, and/or abused in our society. The etiology, social environment, psychological and physiological effects on the user, and the current modes of treatment are examined. (Elective)
- CJ 321 INTERVIEWING, INTERROGATION, AND REPORT WRITING 3**  
Provides an opportunity for students to develop interviewing, interrogation, and recording skills that are common in the criminal justice professions. The emphasis is upon learning the techniques and principles that can be employed in dealing with the community, witnesses, suspects, offenders, prisoners, juvenile and adult probationers, and parolees. Students will learn how to properly write, among others, police reports, pre-sentence investigation reports, and probation/parole revocation documents.
- CJ 351 PRACTICUM IN CRIMINAL JUSTICE (INTERNSHIP) 6**  
Provides a supervised work experience for one semester in an approved local, state, or federal criminal justice agency. It is designed to provide the student with an opportunity to apply academic training in practical situations. Academic credit will be awarded upon satisfactory completion of the internship as certified by the agency supervisor.
- CJ 352 PRACTICUM IN COMPARATIVE STUDY OF CRIMINAL JUSTICE SYSTEMS I 3**  
Presents a comparative study of criminal justice systems (police,

## UNDERGRADUATE COURSES OF INSTRUCTION

courts, and corrections) outside the U.S. It is designed to provide students with an opportunity to observe local, regional, and national (or central) criminal justice systems in other countries. (Elective)

**CJ 353 PRACTICUM IN COMPARATIVE STUDY OF CRIMINAL JUSTICE SYSTEMS II 3**  
Provides a continuation of CJ 352. (Elective)

**CJ 354 CAREER DEVELOPMENT EXPERIENCES 3**  
Provides opportunities for criminal justice majors to enhance their on-the-job work experience. Participating students will be carefully selected and placed in a criminal justice agency best suited to their particular needs. Enrollment in this course cannot exceed one semester. Junior standing and department approval is required to enroll in this course. (Elective)

**CJ 356 COOPERATIVE WORK EXPERIENCE IN CRIMINAL JUSTICE I 3**  
Provides an opportunity for students to work one semester (or two semesters if CJ 357 is also taken) in a criminal justice agency. CJ 356 (and CJ 357) permits students to gather more extensive cooperative job experiences during their undergraduate studies to gain on-the-job field training which is a prerequisite for professional employment upon graduation. Departmental approval is required for enrollment. (Elective)

**CJ 357 COOPERATIVE WORK EXPERIENCE IN CRIMINAL JUSTICE II 3**  
Provides a continuation of CJ 356. Departmental approval is required to enroll in this course. (Elective)

**CJ 361 VICTIMOLOGY 3**  
Investigates the impact of being a victim of crime and the role played by the victim of a crime in the criminal justice system. Special emphasis is given to the areas of child abuse, spousal abuse, rape, elderly victims, victim service programs, victim survey research, mediation and restitution programs. (Elective)

**CJ 400 CONTEMPORARY CORRECTIONAL SYSTEMS 3**  
Studies the juvenile and adult correctional systems and the role of the judiciary in relation to those systems. Problems pertinent to the evolution, development, and operation of correctional programs, including incarceration, probation, parole, and community-based alternatives to institutionalization are examined.

**CJ 402 SECURITY SYSTEMS AND ADMINISTRATION 3**  
Examines the role of security and the security industry in the criminal justice system, including administrative, personnel, and physical aspects of the security field; loss prevention; management in proprietary and governmental institutions; variations in physical security systems. The origin of contemporary private security systems and the organization and management of industrial and retail protective units are also examined. (Elective)

**CJ 406 CRIMINAL JUSTICE RESEARCH I 3**  
Introduces the major research methodologies that are most relevant to the criminal justice field. It focuses upon experimental and quasi-experimental designs, instrument construction, data gathering, and data analysis.

**CJ 407 CRIMINAL JUSTICE RESEARCH II 3**  
Provides a continuation of CJ 406. It continues to examine the problems of data collection, analysis and presentation and introduces students to descriptive and inferential statistical analyses. Students are also introduced to the use of computers in research, especially the Statistical Package for the Social Sciences (SPSS).

**CJ 411 CORRECTIONAL PSYCHOLOGY 3**  
Studies the psychology of delinquency and criminal behavior and includes psychological evaluations and diagnoses, classification, and therapeutic techniques utilized in rehabilitative efforts. Special classifications and prevention programs will also be discussed. (Elective)

**CJ 412 DEVIANT BEHAVIOR 3**  
Examines forms of behavior that are contrary to society's norms but not necessarily criminal in nature. Types of behavior that are examined include sexual deviations, addictive behavior, organized crime, gambling, and prostitution among others. (Elective)

**CJ 417 INDEPENDENT STUDY AND RESEARCH 3**  
Allows a student to pursue the in-depth study of a particular topic of interest under the supervision of the instructor. Approval of the department is required for enrollment. (Elective)

**CJ 421 PROBATION AND PAROLE 3**  
Explores corrections in the community, particularly the supervision of adult and juvenile probationers and parolees. Emphasis is placed upon the practical problems that confront probation and parole officers on a daily basis as they perform their duties. (Elective)

**CJ 453 POLICE ORGANIZATION: MANAGEMENT AND OPERATION 3**  
Provides an in-depth study of police management including the application of management theories, structural and functional analyses, and operational dynamics of various organizational components and their socioeconomic implications. Recent and innovative developments in the field are also presented and discussed. (Elective)

**CJ 496 SPECIAL TOPICS IN JUSTICE 3**  
Offers specialized courses which deal with in-depth study of subjects relevant to the field of criminal justice. The subject matter of the Special Topics course is not generally covered in the department's other courses. Topics may include women and crime, violent crime, victimless crimes, police deviancy, and so forth. CJ 496 may be repeated with a change in content. (Elective)

### DRAFTING DESIGN TECHNOLOGY (DET)

**DET 102 DESCRIPTIVE GEOMETRY 3**  
Examines graphic presentations and solutions of space problems involving points, lines, planes, intersections, revolutions, and vectors. Prerequisite: ETC 103.

**DET 201 COMPUTER-AIDED DRAFTING I 3**  
Focuses on the introduction and development of CAD fundamentals and methodology with applications related to solving drafting design problems. Prerequisite: ETC 103.

**DET 202 COMPUTER-AIDED DRAFTING II 3**  
Is a continuation of DET 201. The use of the computer in the solution of Drafting Design problems. Prerequisite: DET 201.

**DET 210 COOPERATIVE WORK EXPERIENCE 6**  
Provides coordinated work experience in business/industry and a comprehensive written report of the experience must be submitted. Prerequisite: Junior; major only, or consent of the department head. DET 201 is offered during the summer session.

**DET 211 COOPERATIVE WORK EXPERIENCE 12**  
Provides coordinated work experience in business/industry and a comprehensive written report of the experience must be submitted. Prerequisite: Junior; major only, or consent of the department head.

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**DET 212 COOPERATIVE WORK EXPERIENCE 12**  
Provides coordinated work experience in business/industry and a comprehensive written report of the experience must be submitted. Prerequisite: Junior; major only, or consent of the department head.

**DET 301 MACHINE DRAFTING AND DESIGN 3**  
Explores geometric dimensioning and tolerancing, common fasteners, thread forms, cams and gears. Theory and practice of machine design, problem solving and designing for strength is emphasized along with current drafting/design room practices. Prerequisites: DET 202, ETC 202, ETC 222 and PHYS 151.

**DET 302 TOOL DESIGN DRAFTING 3**  
Focuses on the design and drawing of holding devices and special tools for machining operations, press work, forming, bending, and progressive operations. Prerequisites: DET 301, ETC 202, and ETC 222.

**DET 303 ARCHITECTURAL DESIGN DRAFTING I 3**  
Provides a discussion and practice on the fundamentals of architectural design and drafting, assemblage and components of construction systems; materials, building economics and specifications. Manual detail drafting of light wood frame building and general project estimating. Detail drawings of light wood frame building and general project cost estimating. Prerequisite: ETC 103.

**DET 304 ARCHITECTURAL DESIGN DRAFTING II 3**  
Continues the discussion and practice on the fundamentals of architectural design and drafting, assemblage and components of construction systems; materials, building economics and specifications. Manual detail design drawings of commercial and/or concrete buildings and general project estimating. Prerequisites: ETC 103 and DET 303.

**DET 305 PIPE DRAFTING AND DESIGN 3**  
Examines the theory and practice of technical drafting and design of pipe sizing and connections. Emphasis placed on single-line diagram, double-line diagram, pictorial diagram of pipes, the flow of fluids, fittings, threads and working drawings. Prerequisites: DET 202, DET 102, and ETC 301.

**DET 306 ELECTRICAL AND ELECTRONIC DRAFTING 3**  
Covers the application of specialized symbolic forms, commercial equipment and industrial control, diagrams, graphical designations, block diagrams, schematic diagrams, projections, circuit analysis and various layouts. Prerequisites: DET 202, ETC 104, and ETC 124.

**DET 307 COMPUTER-AIDED DRAFTING/DESIGN III 3**  
Solves advanced mechanical or architectural design/drafting problems. Prerequisite: DET 202 or consent of instructor.

**DET 401 STRUCTURAL DRAFTING/DESIGN 3**  
Examines the theory and practice of technical drafting as it applies to Structural Drafting. Emphasis is placed on design and drawing of structural beams, columns, and girders. Detail drawing stressed. Prerequisite: DET 202.

**DET 402 TECHNICAL ILLUSTRATIONS 3**  
Focuses on developing abilities in producing three-dimensional drawings, (isometric, dimetric, trimetric, and perspective) with highly diversified skills. Emphasis will be placed on enhancement of freehand sketching, letter and artistic ability to translate technical drawing data into logical, realistic form and presentation drawings. Prerequisites: DET 307, 301 and/or 303 or consent of instructor.

**DET 403 DESIGN OF MACHINE ELEMENTS 3**  
Surveys the important elements of machines including the aspects of machine design, working stress, shafting, springs, screws, clutches, brakes, lubrication, bearings, gears, cylinders, flywheels, and cams. Prerequisite: ETC 306 and MATH 154.

**DET 420 SENIOR PROBLEMS 3**  
Provides an overview of current events and contemporary ideas in the area of Drafting and Design Engineering Technology. Preparation and oral presentations of a written report involving analysis and design on a topic related to his/her major and must be approved by advisor/instructor. Prerequisite: Senior Standing/ Graduating Semester.

**DET 430 DRAFTING AND DESIGN TECHNOLOGY WORKSHOP 1-3**  
Relates course content for each workshop to one of the areas of emphasis in technology.

## ECONOMICS

**ECON 201 MACRO ECONOMICS 3**  
Focuses on the basic concepts of economic scarcity and efficiency, national income, unemployment, inflation, and institutions of money control. Prerequisite: MATH 131.

**ECON 202 MICRO ECONOMICS 3**  
Addresses the concepts of supply and demand, the price system, and market structures. Prerequisite: ECON 201.

**ECON 311 INTERNATIONAL BUSINESS (SAME AS MAN 410) 3**  
Offers a variety of approaches to the study of an increasingly globally interdependent business environment. Emphasis is on the applied and case-study aspects of how government and private economic policies are becoming globally interdependent; the cultural environment of international business; international dimensions of trade and financial management; the international dimension of business management; the international dimension of marketing; the international dimension of accounting, and the international dimension of the legal environment of business. Prerequisite: MAN 301.

**ECON 320 ECONOMICS INTERNSHIP 3**  
Consult .

**ECON 351 INTERMEDIATE MICROECONOMICS 3**  
Examines theory of consumer behavior, theory of costs and production, firm behavior under perfect and imperfect market structures. Prerequisite: ECON 202.

**ECON 352 INTERMEDIATE MACROECONOMICS 3**  
Makes inquiries into the determinants of national income, inflation, unemployment and interest rates. Prerequisite: ECON 202.

**ECON 401 MONEY AND BANKING 3**  
Examines the role of money, credit, interest rates, foreign exchange rates, and financial institutions in the U.S. economy. Prerequisite: ECON 202.

**ECON 450 INDEPENDENT STUDY 3**  
Prerequisite: Permission of department head.

**ECON 499 ECONOMIC EDUCATION 3**  
Addresses the function of economic material in general education; the basis of curriculum construction both as to the selection and organization of material; the sequences of economic courses from Grades VI through XII, the organization of specific courses for teaching purposes in junior-senior high schools; comments as to new types of materials needed in the economic

# UNDERGRADUATE COURSES OF INSTRUCTION

curriculum. Group workshops will be organized around topics of direct concern to teachers in attendance during the summer session. Prerequisite: ECON 202.

## EDUCATION

### **ED 162 INTRODUCTION TO TEACHING 3**

Provides a comprehensive view of teaching as a profession, including the historical development, professional requirements and opportunities in the teaching profession. Learning experiences are enhanced and supported by observation and participation activities at the GSU laboratory and partnership/professional development schools. Designed for elementary, early childhood, special education and secondary education majors, this course incorporates lectures, discussions, presentations, Praxis preparation sessions, technology laboratory activities, and field based laboratory experiences appropriate to the teacher candidates' area of certification (PK-3, 1-6, 7-12, Special Education).

### **ED 200 HUMAN GROWTH AND DEVELOPMENT 3**

Focuses on the physical, cognitive, and socioemotional development process. The course incorporates lectures, discussions, personal applications, critical thinking exercises, individual and group research projects and presentations, web-based activities, and field-based observation and participation reflective journals.

### **ED 201 ADVISEE REPORT 3**

Offers teacher education candidates an opportunity to enroll in this course for three different semesters and schedule individual conferences with their respective academic advisor. The advisors provide the format, atmosphere and structured opportunities for establishing a partnership between professor/mentor/advisor and student/advisee/aspiring teacher. Case records are reviewed, and contracts, curriculum sheets, etc. are updated and signed by advisee and advisor.

### **ED 202 CHILD PSYCHOLOGY 3**

Engages teacher candidates certifying in grades PK-3 and 1-6 in the study of principles of growth, development, and motivation in classical and emerging theories of child development. The content includes the history, research and classical developmental theories, environmental influences (including family, community, school and societal) on child development, the unique characteristics of each stage of development (from prenatal to adolescent), the multidimensional nature of human development (physical, cognitive, emotional and social), and the interactions and transaction among factors to stifle or develop the potential of all children. This course is a combination of lectures, problem posing cases, micro-teaching, written products and field experiences.

### **ED 204 ADOLESCENT PSYCHOLOGY 3**

Emphasizes growth and development during adolescence. The various aspects of physical, intellectual, emotional, social, moral, and religious development are studied. Special attention is given to behavior and adjustment problems of students in secondary school and the implications these problems have for teachers.

### **ED 205 EDUCATION OF PRESCHOOL CHILDREN WITH SPECIAL NEEDS 3**

Emphasizes the theoretical and practical approach to teaching the preschool child with special needs. Theories of risk and exceptionality are examined along with a critical analysis of the unique needs and problems of providing free appropriate public education and services to young exceptional children in subur-

ban, semi-rural, and rural settings, with respect to the inclusion model.

### **ED 206 NUMERACY SEMINAR 1**

Facilitates exploration of numeracy instruction in the middle school through problem-based activities using an inquiry model. Candidates will explore the range of numeracy skills that impact a person's chances in studying and learning as they progress through school. Candidates will develop a range of strategies that enhance the nature of learning and student engagement and promote higher order thinking and deep knowledge.

### **ED 207 LITERACY SEMINAR 1**

Facilitates exploration of literacy instruction in the middle school through problem-based activities using an inquiry model. Candidates will explore the range of literacy skills that impact a person's chances in studying and learning as they progress through school. Candidates will develop a range of strategies that enhance the nature of learning and student engagement and promote higher order thinking and deep knowledge.

### **ED 208 PROFESSIONAL ACCOUNTABILITY I (READING AND WRITING) 3**

Emphasizes teacher accountability in language both in and out of the classroom. Intense practice in oral and written communication is provided.

### **ED 209 PROFESSIONAL ACCOUNTABILITY II (MATHEMATICS) 3**

Applies mathematical concepts and principles to such areas as social studies, language arts, fine arts and science to help candidates develop awareness of the role of mathematics in the lives of students.

### **ED 210 PROFESSIONAL ACCOUNTABILITY III (PRINCIPLES OF LEARNING AND TEACHING) 3**

Develops and identifies students lacking the prerequisite skills needed as they continue their studies.

### **ED 215 INTRODUCTION TO EARLY CHILDHOOD EDUCATION 3**

Introduces students to early childhood education. Major topics for study are theories of development, the early childhood curriculum, guidance techniques, family involvement, and types of early childhood programs, observation techniques, and being professional. Students are required to complete fifteen hours of observation in an early childhood setting. The course incorporates lectures, demonstrations, presentations, discussions, and field experiences.

### **ED 216 METHODS IN EARLY CHILDHOOD EDUCATION 3**

Gives students a hands-on experience in selecting, creating, and implementing developmentally appropriate activities for early childhood programs. Students plan activities in language arts, science, math, art, music, and nutrition. Additionally, students will have field experiences in local schools', media centers and local teachers' supply stores. Emphasis will be placed on using age appropriate guidance and evaluation strategies. This course incorporates lectures, demonstrations, presentations, discussions, and field experiences.

### **ED 217 READING LANGUAGES ARTS IN EARLY CHILDHOOD 3**

Emphasizes pre-reading experiences, the basic reading program, and language development for the child. Principles, procedures, materials and laboratory experiences fundamental to the development of skill in guiding the reading-language experi-

# UNDERGRADUATE COURSES OF INSTRUCTION

ences of young children are provided. The course incorporates lectures, role-play, vocalization, and word recognition.

## **ED 220 HUMAN GROWTH AND DEVELOPMENT (NON-TEACHING MAJORS)**

Focuses on the physical, cognitive, and socioemotional development process. The course incorporates lectures, discussions, personal applications, critical thinking exercises, individual and group research projects and presentations, web-based activities, and field-based observation and participation reflective journals.

## **ED 300 EDUCATIONAL PSYCHOLOGY 3**

Introduces and develops fundamental knowledge and skills in the areas of teaching and learning psychology. Primarily concerned with a critical analysis of the learning process, its theoretical foundation, and its application, the course is experiential and interactive. Meeting state and national standards (LCET, INTASC, and NCATE), emphasis is placed on the components of effective teaching, including knowledge of human development, learning theories, planning strategies, research-based teaching practices, pedagogical dispositions, student motivation and communication skills. This course is a combination of lecture, discussion, group projects, web based assignments, micro-teaching and 10 hours of field experiences.

## **ED 301 PROGRAM PLANNING FOR HANDICAPPED CHILDREN 3**

Studies types of programs, principles and practices in planning for the needs of handicapped children (preschool/primary) includes observation, planning and teaching individuals and small groups.

## **ED 302 METHODS AND MATERIALS IN ELEMENTARY MATHEMATICS 3**

Explores content methodologies and assessments in the 1-6 elementary mathematics program. The course incorporates lecture and laboratory experience, including 1 hour of lecture and 2 hours of laboratory totaling 3 credit hours.

## **ED 303 READING: INTRODUCTION AND SURVEY 3**

Surveys the reading process, focusing on practices and principles used in developing reading skills across instructional levels. Observations in public schools provide students the opportunity to relate theory to practice. Required course for all Early Childhood and Elementary Education candidates. This course requirement includes field experiences, lecture, classroom discussion and educational activities.

## **ED 304 CHILDREN'S LITERATURE 3**

Gives teacher candidates the opportunity to select, present, interpret, and evaluate literature appropriate to the ages and developmental stages of learners that can be used in classroom, clinical and field settings. Designed for early childhood and elementary education candidates, this course incorporates lectures, demonstrations, collaborative discussions, peer-mediated literature-based activities and presentations in diverse teaching and learning settings.

## **ED 305 STRATEGIES FOR TEACHING ELEMENTARY MATH 3**

Teaches candidates theories and strategies to teach elementary mathematical concepts. Prerequisites: ED 302. The form of this course is lecture and small group work.

## **ED 312 INTRODUCTION TO EDUCATION OF EXCEPTIONAL CHILDREN 3**

Provides an examination of the history, nature, causes and treatment of exceptionalities that can have an impact upon children's educational achievement.

## **ED 313 CURRICULA, METHODS, AND MATERIALS FOR YOUNG CHILDREN WITH SPECIAL NEEDS 3**

Develops knowledge of models, materials and methods used with young special needs children. Methods and materials include intervention models, training procedures, behavior management, materials selection and modification. Emphasis is on practical methods, materials and practices in specialized, inclusive, and regular education programs.

## **ED 316 EARLY CHILDHOOD EDUCATION SEMINAR 4**

Provides a one-semester course at the junior level. Theory, methods and materials for teaching in nursery, kindergarten and primary school with emphasis on language arts, social studies, science and mathematics for young children. Students are guided in the use of teaching techniques, media, materials and observation and participation in actual teaching situations.

## **ED 317 MULTICULTURAL EDUCATION 3**

Is an interdisciplinary course that focuses upon the educational, sociological and psychological principles of teaching diverse learners. Emphasis is placed upon self-knowledge as a means of fostering respect and value for the many cultures, religions, languages, and experiences that students will bring into the schools. The course is designed to afford candidates the opportunity to explore the philosophies, theories, strategies, and competencies required to effectively motivate, educate, direct, manage and evaluate learners in a diverse classroom.

## **ED 319 INTERAGENCY TEAMING FOR CHILDREN AND FAMILIES WITH SPECIAL NEEDS 3**

Guides students in exploring, identifying, preparing and using community and/or environmental resources for teaching handicapped children in the basic curricular areas.

## **ED 322 TEACHING READING IN MIDDLE, JUNIOR/SENIOR HIGH SCHOOL 3**

Focuses on techniques and materials basic to teaching reading skills in the middle, junior and senior high school, (grades 7-12). Students complete relevant modules on teaching reading in the content areas. ED 303 Survey of Reading is a prerequisite.

## **ED 324 FAMILIES OF YOUNG CHILDREN WITH SPECIAL NEEDS 3**

Develops an understanding of the philosophy necessary to explain caregiver/child interactions. Examines how caregiver/child interactions are affected by risk or exceptionality. The course enhances the knowledge base for students to produce teacher advocates who utilize the best practices for working with families of young children with special needs.

## **ED 325 READING IN THE ELEMENTARY SCHOOL 3**

Focuses on techniques and materials basic to the development of skills in teaching the elementary school, grades PK-6. Candidates will review theory and principles in teaching reading and engage in the demonstration of appropriate methods in both simulated and actual teaching settings under the supervision of a classroom teacher and the course instructor. Required of all elementary, early childhood and special education majors as the second course in the required sequence. (Prerequisite: ED 303 Reading Introduction and Survey with a grade of "C" or better. This course requires hands-on experiences with classroom students in PK-3 and 1-6. Lecture, educational activities and classroom discussions.

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**ED 326 INTRODUCTION TO THE EDUCATION OF THE MILDLY/MODERATELY EXCEPTIONAL STUDENTS 3**  
 Surveys current practices, programs and research in the education of children with mild/moderate learning impairments.

**ED 328 DIAGNOSIS AND EVALUATION 3**  
 Develops skill in selecting, constructing, administering and interpreting instruments appropriate for assessing needs of children and youth with different learning styles. Activities involve classroom testing and development of programs. This course is presented in a seminar format.

**ED 330 PRACTICUM: MENTAL TESTS AND MEASUREMENTS 3**  
 Provides in depth training and supervised experience in administering, scoring and interpreting selected standardized test batteries and assessment instruments. Focus on understanding criterion and norm referenced systems, as well as developing individualized prevention plans for students, based on assessment and evaluation data.

**ED 331 METHODS OF DESIGNING AND ASSESSING MATERIALS FOR THE MILD/MODERATELY EXCEPTIONAL STUDENTS 3**  
 Studies teacher-made and commercially designed materials, media and equipment and their appropriate uses in the educational management of mildly/moderately handicapped children.

**ED 332 BEHAVIORAL APPROACHES TO MANAGING THE PROBLEMS OF EXCEPTIONAL STUDENTS 3**  
 Evaluates theory, research and issues in the major behavioral management techniques.

**ED 333 HUMANISTIC APPROACHES TO CHILD MANAGEMENT 3**  
 Emphasizes theory and practice of modifying the behavior of mildly/moderately handicapped children, using humanistic approaches and techniques.

**ED 334 ASSESSMENT/EVALUATION OF CHILDREN WITH DISABILITIES 3**  
 Develops an understanding of the philosophy, theory, types of tests and techniques basic to the evaluation of handicapped children and youth including those with special needs. Activities include selection/administration of tests and planning programs based on results.

**ED 402 INSTRUCTIONAL TECHNOLOGY INTEGRATION 3**  
 Builds technological, informational, and visual competencies through the production and integration of technology to create new enriched teaching and learning environments. The course incorporates lectures, demonstrations, case studies, computer laboratory experiences, software application tutorials, job aids, and portfolio activities.

**ED 427 CLASSROOM MANAGEMENT AND ORGANIZATION 3**  
 Provides opportunities for practitioners to refine skills and methods for effective teaching with an emphasis on classroom management and organization. The course examines appropriate grade-level (PK-3, 1-6, 7-12) classroom management techniques and motivational theories ranging from behavioral to humanistic approaches. Emphasis is placed on the development of classroom management plans to manage student behavior, to increase learning engagement, and to create safe environments that respect diversity. This course must be taken concurrently with ED 455- Student Teaching.

**ED 429 PROGRAMMED INSTRUCTION 3**  
 Discusses design, testing and instructional applications of programmed instructional materials, teaching materials and automated systems of instruction with emphasis on instructional telecommunication formats.

**ED 431 READING DIAGNOSIS AND CORRECTION 3**  
 Emphasizes the types of reading difficulties and techniques in teaching remedial readers; laboratory practice in examining, administering and interpreting standardized and information reading tests; and planning remedial programs on the basis of findings of tests and other sources of information. Students use modules to teach children based on the results of the diagnosis. Prerequisite: ED 303, ED 322 or ED 325.

**ED 432 IMPROVEMENT OF LANGUAGE DISABILITIES OF EXCEPTIONAL CHILDREN 3**  
 Studies problems in language of preschool-primary children and techniques classroom teachers use to ameliorate the disabilities.

**ED 437 MAINSTREAMING PRACTICUM 3**  
 Observation and internship with the normally functioning child in a school setting.

**ED 438 PHYSICAL AND MEDICAL MANAGEMENT OF YOUNG CHILDREN 3**  
 Studies the psychological implications, educational principles, and management procedures for physically impaired children and adolescents: including emphasis on methods, materials, equipment and classroom procedures appropriate for education of the handicapped.

**ED 442 METHODS AND MATERIALS FOR THE LEARNING DISABLED 3**  
 Focuses on appropriate methods and the selection, development and use of materials for teaching children with special learning disabilities.

**ED 450 PRACTICUM IN EARLY CHILDHOOD EDUCATION 4**  
 Helps students select and implement learning strategies and materials of instruction appropriate for children in early childhood programs. Emphasis is on direct observation and teaching experiences in selected schools under the supervision of master teachers and professors.

**ED 452 SEMINAR II: ADVANCED TEACHING METHOD 6**  
 Gives teacher candidates the opportunity to synthesize and apply knowledge acquired in prerequisite courses relative to the content and process of teaching. Field experiences in diverse educational settings, PRAXIS tests preparation seminars and performance based micro lesson presentations are required components of the course. This course is designed for candidates in the fields of early childhood education, elementary education, and special education.

**ED 453 SECONDARY ADVANCED TEACHING METHODS II 3**  
 Is designed for teacher candidates with majors in secondary education, secondary special education, and kinesiology. It focuses on the integration and application of skills and knowledge acquired in prerequisite educational courses and content courses appropriate to the teacher candidate's area of certification. Field experiences in secondary educational settings, lesson presentations, and PRAXIS exam preparation seminars are required components of the course.

# UNDERGRADUATE COURSES OF INSTRUCTION

**ED 454 INDUSTRIAL ARTS FOR ELEMENTARY TEACHERS 3**

Provides pre-service and in-service teachers with theoretical and practical experiences in the history of industrial arts in elementary education. Emphasis is on creativity and its relationship to industrial arts and learning, organization for industrial arts classroom activities demonstrating learning.

**ED 455 STUDENT TEACHING 9**

Provides the opportunity to develop skills for practical application of theory in planning, instruction, classroom management and professional development in specified areas of certification. Teacher candidates/interns are placed in the field in actual classroom settings according to their area of certification to work with administrators, parents, students, and other educators under structured clinical supervision. The course incorporates 16 weeks of teaching and learning in classroom settings. Candidates will also participate in seminars, PTO meetings, school board meetings, university supervisors' conferences and regional/national conferences.

**ED 456 MIDDLE GRADES SEMINAR III GRADES 4-8 3**

Is designed for prospective teacher candidates interested in teaching middle grades education (grades 4 – 8). Since middle grade students are members of a unique third tier in education, content specific to the middle grades curriculum and effective middle school practices is explored in this course. Teacher candidates are given the opportunity to synthesize and apply knowledge acquired in prerequisite courses relative to the process and content of teaching adolescent learners. Field experiences in diverse middle grades settings, problem based learning, and performance based micro - lesson presentations are required components of this course.

**ED 470 CAREER EDUCATION 3**

Provides candidates with prevocational developmental experiences and transition services. Included are orientation, exploratory and applied career-related experiences in school and non school situations.

**PRACTITIONER TEACHER PROGRAM**

**EDPT314 EDUCATIONAL FOUNDATIONS & PSYCHOLOGY SUMMER ONLY 3**

Provides teacher practitioners with an overview of central concepts, instructional approaches, and tools of inquiry that create meaningful learning experiences. Practitioners are introduced to child, adolescent, and educational psychology to support student cognitive, social, and personal development. Practitioners are also introduced to assessment strategies and to methods that accommodate individual differences and provide diverse learning opportunities. The course exposes the practitioner to instructional processes that promote active engagement in learning and connect educational foundations with technology.

**EDPT329 INSTRUCTIONAL DESIGN, METHODS & ASSESSMENT SUMMER ONLY 3**

Enables the practitioner to organize content for instructional design and delivery. Emphasis is placed on instructional design that guides the practitioner to plan and prepare grade-level appropriate instructional methods, assessment strategies, and technology integration for diverse learners. Reflective teaching practices are employed to maximize student achievement.

**EDPT427 CLASSROOM MANAGEMENT & ORGANIZATION SUMMER ONLY 3**

Provides opportunities for practitioners to refine skills and methods for effective teaching with an emphasis on classroom management and organization. The course examines appropriate grade level classroom management techniques and motivational theories ranging from behavioral to humanistic approaches. Emphasis is placed on the development of classroom management plans to manage student behavior, to increase learning engagement, and to create safe environments that respect diversity. Practitioners use technology to manage, assess, and enhance student learning.

**EDPT449 SEMINAR: NOVICE EDUCATOR SUPPORT SYSTEM FALL/SPRING 6**

Provides the support structure for practitioner teachers to transfer the theory learned in the university setting into the concrete reality of the school setting. The seminar targets relevant and pertinent issues related to teacher retention and efficacy. The essence of these issues is captured in four modules spanning topics such as curriculum planning and instructional strategies, assessment, classroom management, teacher partnerships and cultural diversity. While other courses have included these topics, there is a need to provide opportunities to further focus and refine teaching practices.

**EDPT451 EDUCATIONAL PRACTICUM & INTERNSHIP 3 FALL/SPRING**

Provides opportunities for practitioner teachers to apply theory through practical applications in authentic teaching and learning environments. Practitioner teachers will work with a team of professional educators and receive guidance through on-site planned experiences to enhance and advance competencies and skills necessary to become effective teachers. The Plan of Work' is designed collaboratively by the practitioner and his/her professional support team and specifically for the practitioner teacher's area of certification.

**EDPT446 TEACHING PERFORMANCE REVIEW SECOND YEAR 0**

University faculty, principals, cooperating teachers, and the practitioner teacher form a team to review the first year teaching performance of the practitioner teacher. The team determines the extent to which the practitioner has or has not demonstrated teaching proficiency. Practitioners who demonstrated proficiency enter into the assessment portion of the Louisiana Teacher Assessment and Assistance Program (LTAAP) during the next fall. The weaknesses are cited, the practitioners enroll in ED454 Prescriptive Plan Implementation to develop and implement a prescriptive plan to attain teaching proficiency.

**EDPT454 PRESCRIPTIVE PLAN IMPLEMENTATION 1-12 SECOND YEAR**

University faculty, principals, mentors, and the practitioner teacher form a team to address areas of improvement identified in the first-year teaching performance review. The team designs a prescriptive plan. The practitioner teacher develops the individualized prescriptive action plan with the team and implements the plan to attain teaching proficiency. The team monitors and assesses the practitioner teacher's progress on the prescriptive plan. Additionally, the individualized action plan includes a self-assessment and provides documentation of growth in targeted areas. The team determines when the practitioner teacher participates in the new teacher assessment program.

# UNDERGRADUATE COURSES OF INSTRUCTION

## ELECTRONICS ENGINEERING TECHNOLOGY

**EET 201 PRINCIPLES OF ELECTRICAL CIRCUITS II 2**  
Provides a continuation of Principles of Electrical Circuits I. This course deals primarily with AC (Alternating Current) circuit theory. Topics include capacitors, inductors, series and parallel RLC circuits, network theorems, frequency response, resonance and transformers. Prerequisites: ETC 104, MATH 147 & MATH 148. Corequisite: EET 221.

**EET 202 ELECTRONIC DEVICES I 3**  
Examines the theory and concept of modern solid state devices. Topics include P-N junction diodes, Bipolar Junction Transistors (BJT), and Field-Effect Transistors (FET). Emphasis is placed on their characteristics and applications, such as rectifiers and amplifiers. Prerequisite: EET 201. Corequisite: EET 222.

**EET 210 COOPERATIVE WORK EXPERIENCE 6**  
Provides coordinated work experience in business/industry and comprehensive written report of the experience. Prerequisite: Completed sophomore standing with a major in Electronics Engineering Technology or consent of . EET 210 is offered during the summer session.

**EET 211 COOPERATIVE WORK EXPERIENCE 12**  
Provides coordinated work experience in business/industry and comprehensive written report of the experience. Prerequisite: Completed sophomore standing with a major in Electronics Engineering Technology or consent of department head.

**EET 212 COOPERATIVE WORK EXPERIENCE 12**  
Provides coordinated work experience in business/industry and comprehensive written report of the experience. Prerequisite: Completed sophomore standing with a major in Electronics Engineering Technology or consent of department head.

**EET 221 PRINCIPLES OF ELECTRICAL CIRCUITS II LAB 1**  
Offers practical exercises relating to topics studied in EET 201 Principles of Electrical Circuits II. Corequisite: ETC 124.

**EET 222 ELECTRONIC DEVICES I LAB 1**  
Offers practical exercises relating to topics studied in EET 202 Electronic Devices I. Corequisite: EET 202.

**EET 301 DIGITAL LOGIC SYSTEMS 3**  
Introduces treatment of digital technology. Topics include number systems, codes, logic gates, Boolean Algebra, combinational logic systems design, flip-flops, counters and registers. Prerequisite: EET 202. Corequisite: EET 321.

**EET 302 INSTRUMENTATION AND MEASUREMENT 2**  
Studies the operation and application of instrumentation and measurement equipment. Topics include measurement fundamentals, DC and AC indicating meters, specialized meter, and other measuring devices used in both analog and digital circuits. Prerequisite: EET 202. Corequisite: EET 322.

**EET 303 ELECTRONIC DEVICES II 3**  
Provides a continuation of Electronic Devices I. Topics include power amplifiers, operational amplifiers and other special devices. Frequency response, system application and troubleshooting are emphasized. Prerequisite: EET 202. Corequisite: EET 323.

**EET 304 ELECTRICAL CIRCUITS AND MACHINES 3**  
Provides comprehensive coverage of D-C and A-C machines. Topics include transformers, induction, synchronous, motors and generators. Prerequisite: EET 201. Corequisite: EET 324.

**EET 306 MICROPROCESSOR FUNDAMENTALS 3**  
Introduces microprocessor and microcomputer systems. Topics include microprocessor architecture and its operations, software design, memory organization, and basic I/O interface devices. Prerequisite: EET 301. Corequisite: EET 326.

**EET 321 DIGITAL LOGIC SYSTEMS LAB 1**  
Provides practical exercises relating to topics studied in EET 301 Digital Logic Systems I Lab. Corequisite: EET 301.

**EET 322 INSTRUMENTATION AND MEASUREMENT LAB 1**  
Offers practical exercises relating to topics studied in EET 302 Instrumentation and Measurement. Corequisite: EET 302.

**EET 323 ELECTRONIC DEVICES II LAB 1**  
Provides practical exercises relating to topics studied in EET 303 Electronic Devices II. Corequisite: EET 303.

**EET 324 ELECTRICAL CIRCUITS AND MACHINES LAB 1**  
Provides practical exercises relating to topics studied in EET 304 Electrical Circuits and Machine. Corequisite: EET 304.

**EET 326 MICROPROCESSOR FUNDAMENTALS LAB 1**  
Offers practical exercises relating to topics studied in EET 306 Microprocessor Fundamentals. Corequisite: EET 306.

**EET 401 PRINCIPLES OF CIRCUIT ANALYSIS 2**  
Studies circuit analysis by using electric/electronic circuit principles and computer-aided techniques. The concepts and practice of modeling electric/electronic devices are covered. Computer simulation is included with the emphasis on the use and application of PSpice. Prerequisite: EET 201. Corequisite: EET 421.

**EET 402 COMPUTER-AIDED CIRCUIT DESIGN 3**  
Studies the design and development of electric/electronic circuits. The electronics design automation techniques are introduced with emphasis on the implementation of the circuit design using CAD tools. Prerequisite: EET 401. Corequisite: EET 422.

**EET 403 AUTOMATIC CONTROL SYSTEMS 3**  
Studies the theory and analysis of automatic control systems. Topics include system dynamics, Laplace Transforms, linear feedback system theory and PID controller. Emphasis is placed on the application of using digital computer and PLC. Prerequisite: EET 303. Corequisite: EET 423.

**EET 405 INTRODUCTION TO COMMUNICATION SYSTEM 3**  
Introduces the principles and concepts of communication systems. Signal design and different types of modulation methods are covered. Basic elements of common communication system. Such as transmitter, receiver, and communication channel, are also included and examined. Prerequisite: EET 303. Corequisite: EET 425.

**EET 406 UNIX AND MICROPROCESSOR INTERFACING, APPLICATION AND DESIGN 3**  
Studies the fundamentals of microprocessor interfacing concepts. Topics include memory and I/O interfacing. Assembly language programming interrupts, programmable interface devices, bus timings, and advanced topics in memory design and DMA concepts. In addition, a study of UNIX and UNIX programming is integrated into the course study. Prerequisite: EET 305. Corequisite: EET 426.



# UNDERGRADUATE COURSES OF INSTRUCTION

<b>EET 421</b>	<b>PRINCIPLES OF CIRCUIT ANALYSIS LAB</b>	<b>1</b>
Provides practical exercises relating to topics studied in Principles of Circuit Analysis. Corequisite: EET 401.		
<b>EET 422</b>	<b>COMPUTER-AIDED CIRCUIT DESIGN LAB</b>	<b>1</b>
Offers practical exercises relating to topics studied in Computer-Aided Circuit Design. Corequisite: EET 402.		
<b>EET 423</b>	<b>AUTOMATIC CONTROL SYSTEM LAB</b>	<b>1</b>
Offers practical exercises relating to topics studied in Automatic Control Technology. Corequisite: EET 403.		
<b>EET 425</b>	<b>INTRODUCTION TO COMMUNICATION SYSTEM LAB</b>	<b>1</b>
Offers practical exercises relating to topics studied in Introduction to Communication System Lab. Corequisite: EET 405.		
<b>EET 426</b>	<b>UNIX AND MICROPROCESSOR INTERFACING, APPLICATION AND DESIGN LAB</b>	<b>1</b>
Offers practical exercises relating to topics studied in UNIX and Microprocessor Interfacing, Application and Design. Corequisite: EET 404.		
<b>EET 430</b>	<b>ELECTRONICS ENGINEERING TECHNOLOGY WORKSHOP</b>	<b>1-3</b>
Presents workshops with content related to one of the local areas of emphasis in technology.		

## ENGINEERING TECHNOLOGY CORE COURSES

<b>ETC 101</b>	<b>INTRODUCTION TO ENGINEERING TECHNOLOGY</b>	<b>1</b>
Introduces general engineering technology the curriculum and profession, its challenges and its rewards.		
<b>ETC 102</b>	<b>SAFETY ENGINEERING</b>	<b>1</b>
Presents essential aspects of occupational health and a safe and healthful working environment. Experiences in organizing, systematizing and implementation of safety programs conforming to OSHA regulations.		
<b>ETC 103</b>	<b>ENGINEERING GRAPHICS</b>	<b>3</b>
Discusses lettering, sketching, orthographic projections, sections, auxiliary views, and pictorial drawings. Emphasis is also placed on graphic presentations and solutions of space problems involving points, lines planes intersections, revolutions, and vectors.		
<b>ETC 104</b>	<b>PRINCIPLES OF ELECTRICAL CIRCUITS I</b>	<b>2</b>
Deals primarily with DC (Direct Current) circuit principles. Topics include current, voltage, resistance, Ohms Law, power and energy, series and parallel circuits, and methods of analysis and network theorems. Corequisite: ETC 124.		
<b>ETC 124</b>	<b>PRINCIPLES OF ELECTRICAL CIRCUITS I LAB</b>	<b>1</b>
Provides practical exercises relating to topics studied in ETC 104, Principles of Electrical Circuits I. Corequisite: ETC 104.		
<b>ETC 202</b>	<b>ENGINEERING MATERIALS AND PROCESSING</b>	<b>2</b>
Studies structure, properties, processing and behavior of engineering materials in order to develop, prepare, modify and apply them to meet specific needs. Discussion of forming operations including drawing, molding, casting, rolling, heat treatment and extrusion. Preparation of coating, fibers, and composites. Discussion of machinability and surface finish characteristics. Corequisite: ETC 222.		

<b>ETC 203</b>	<b>THERMAL SCIENCE</b>	<b>2</b>
Discusses temperature, heat, work, law of thermodynamics, and principles of heat transfer. Prerequisite: PHYS 151. Corequisite: ETC 223.		
<b>ETC 222</b>	<b>ENGINEERING MATERIALS AND PROCESSING LAB</b>	<b>1</b>
Provides laboratory in operational practice and demonstrations of machine tools, foundry, welding, casting, thermoforming and materials testing. Corequisite: ETC 202.		
<b>ETC 223</b>	<b>THERMAL SCIENCE LAB</b>	<b>1</b>
Offers laboratory practice in general thermal science, latent heat, temperature, heat work and heat transfer. Corequisite: ETC 203.		
<b>ETC 301</b>	<b>STATICS</b>	<b>3</b>
Studies force systems, resultants and equilibrium, trusses, frames, beams, shear and moments in beams. Graphical and analytical methods. Prerequisite: MATH 148.		
<b>ETC 302</b>	<b>DYNAMICS</b>	<b>3</b>
Explores applied fundamentals of dynamic forces including displacement, velocities, accelerations, work energy, power, impulse, momentum, and impact. Prerequisite: PHYS 151.		
<b>ETC 303</b>	<b>COMPUTER APPLICATION IN ENGINEERING TECHNOLOGY</b>	<b>2</b>
Studies numeric methods and application of computers in engineering technology. Prerequisite: CS Elective, Programming Language.		
<b>ETC 304</b>	<b>MANAGEMENT OPERATIONS</b>	<b>3</b>
Examines theory and experience in developing and understanding of the processes and techniques involved in operations management, such as quality management, technology management, work, team approaches, ethics, environment, service operations and globalization of operations. Prerequisites: MET 102 & MET 122.		
<b>ETC 306</b>	<b>STRENGTH OF MATERIALS</b>	<b>3</b>
Introduces experimental stress analysis. Centroids, moment of inertia areas, stress, deformation, engineering materials, pressure vessels, torsions stress in beams and shafts, design of beams and shafts, combined stress and columns. Prerequisites: ETC 301, PHYS 151. Corequisite: ETC 326.		
<b>ETC 326</b>	<b>STRENGTH OF MATERIALS LAB</b>	<b>1</b>
Provides laboratory practice in properties of materials; tensile properties compression properties shearing strength, hardness testing. Prerequisite: ETC 301. Corequisite: ETC 306.		
<b>ETC 400</b>	<b>SPECIAL TOPICS</b>	<b>1-4</b>
Addresses courses and activities in engineering technology. Specific course content, objectives, and activities. Prerequisite: Consent of advisor and department head.		
<b>ETC 401</b>	<b>MOTION AND TIME STUDY</b>	<b>2</b>
Examines theory and application of work measurement systems, time study, work sampling, and analysis of work to improve motion economy. Methods used in determining the most effective utilization of effort in human activity systems. Physiological and psychological factors are included with engineering concepts in the design and evaluation of work methods, environments, equipments and standards. Prerequisite: STATS 271.		
<b>ETC 402</b>	<b>ENGINEERING ECONOMY</b>	<b>2</b>
Provides students with the fundamental concepts of engineering economy. Various economic analysis methods, the impact of inflation and income taxes are discussed. Emphasis is placed on the use of mathematical and economic techniques to systemat-		

# UNDERGRADUATE COURSES OF INSTRUCTION

ically analyze situations which pose alternative courses of action. Prerequisite: MATH 153 or higher.

**ETC 420 SENIOR RESEARCH PROJECT 2**  
Requires graduating seniors to work on a comprehensive project design on a topic in engineering technology directly related to their degree program. Students must complete the project within the semester including an oral presentation and a written technical research report involving analysis and design. The project's topic must be approved by the student's advisor. Prerequisite: Senior standing/graduating semester.

## ENGLISH

**ENG 092 BASIC ENGLISH 3**  
Is the first of a two-part course which contains a review of basic English grammar. Emphasis is placed on paragraph development with attention given to the use of transitional words and phrases.

**ENG 093 BASIC ENGLISH 3**  
Is the second of a two-part course facilitating a transition to freshman English 101. Emphasis is placed on making progress from writing basic paragraphs to writing short themes. Competence in other practical writing skills is also stressed. Prerequisite: "C" or better in ENG 092 or a score of 13 to 15 on the ACT.

**ENG 101 FRESHMAN COMPOSITION 3**  
Presents the first of two freshman requirements. Fundamentals of written communication including paragraph and essay development and a review of basic grammar.

**ENG 102 FRESHMAN COMPOSITION II 3**  
Provides a continuation of ENG 101. Emphasis is on various modes of writing including business communication. Research paper is required. Prerequisite: ENG 101.

**ENG 200 WORLD LITERATURE 3**  
Covers literature of the ancient world up to the 18th century. Critical study of classical, African, Asian, Chinese, and Western literature.

**ENG 202 INTRODUCTION TO LITERATURE 3**  
Provides a general introduction to literature with an emphasis on the appreciation of literature as an art form. Literary genres include poetry, drama, and the short story.

**ENG 203 INTRODUCTION TO AMERICAN LITERATURE I 3**  
Examines American literature from its inception to the Civil War. Critical study of the New World, European conquest, colonial America, Native America, and myths of the Noble Savage, slavery, freedom and identity.

**ENG 204 INTRODUCTION TO AMERICAN LITERATURE II 3**  
Explores American literature from the Civil War to the present. Critical study of realism, nationalism, modernism, industrialism, immigration, the Women's Movement, World Wars I and II, and the Civil Rights Movement.

**ENG 205 INTRODUCTION TO ENGLISH LITERATURE I 3**  
Covers English literature from the beginning to 1789. Critical study of: Arthurian myths, the age of romance and chivalry, mystical writing, and Chaucer.

**ENG 206 INTRODUCTION TO ENGLISH LITERATURE II 3**  
Discusses English literature from 1789 to the present. Focuses on Romanticism, Victorianism, and Modernism.

**ENG 207 INTRODUCTION TO TECHNICAL WRITING 3**  
Develops the student's ability to write in a clear and concise technical style. Emphasis is on writing for specific purposes and will include industry-related projects.

**ENG 213 ADVANCED COMPOSITION 3**  
Studies the theory and practice of expository writing. Various modes of writing including description, narration, definition, and argumentation. Research paper is required. Prerequisite: ENG 102.

**ENG 301 HISTORY AND SURVEY OF ENGLISH LITERATURE I 3**  
Is an advanced survey course designed for English majors of junior standing. Focuses on major authors and themes of English literature from 1760 to present.

**ENG 302 HISTORY AND SURVEY OF ENGLISH LITERATURE II 3**  
Is a continuation of ENG 301 (1760 to present). Covers Romanticism, Victorianism, and Modernism.

**ENG 303 WORLD LITERATURE 3**  
Examines major masterpieces of the world literature from 1650 to the present. Special emphasis is placed on various periods from the classical to modern era.

**ENG 305 ADVANCED TECHNICAL WRITING 3**  
Concentrates on the techniques of writing a technical manual through definition and description of a mechanism and a process, instructions for operation, and the layout of illustrative texts and visuals. Students will present a technical manual using multi-media technology.

**ENG 310 ADVANCED TRADITIONAL GRAMMAR & TUTORIAL 3**  
Provides an-depth study of traditional grammar. Designed especially for English teachers, this course includes tutoring students in the fundamentals of English grammar.

**ENG 311 ADVANCED COMPOSITION 3**  
Provides a continuation of ENG 213. Designed for English majors of junior standing. Research methods and topics in advanced rhetoric are discussed.

**ENG 315 ADOLESCENT AND CHILDREN'S LITERATURE 3**  
Surveys high school level and junior high school level literature including folklore, fantasy, science fiction, fairy tales, and children's literature.

**ENG 400 CREATIVE WRITING 3**  
Emphasizes the study and practice of poetry and prose as creative art form. Students will submit work, through juried process, for publication in the *Scribia*, a GSU student publication.

**ENG 401 HISTORY AND SURVEY OF AMERICAN LITERATURE I 3**  
Examines major authors of American literature from beginning to the Civil War including the New World, European conquest, colonial America, Native America, the Noble Savage, and slave writings.

**ENG 402 HISTORY AND SURVEY OF AMERICAN LITERATURE II 3**  
Discusses American literature from 1858 to the present. Includes realism nationalism, modernism, industrialization, immi-

# UNDERGRADUATE COURSES OF INSTRUCTION

gration, World Wars I and II, with special emphasis on the Women's Movement and the Civil Rights Movement.

**ENG 403 MAJOR LITERARY FIGURES 3**

Studies major English and American literary including Chaucer, Milton, Donne, Tennyson, Swift, Dickinson, Dickens, Joyce, Whitman, and Eliot.

**ENG 404 SHAKESPEARE 3**

Provides an overview of Shakespearean drama, with special emphasis on the dramatist/poet as a maturing artist.

**ENG 407 HISTORY AND STRUCTURE OF ENGLISH LANGUAGE 3**

Studies the English language from beginning to its current international scope. Introduction to morphology, phonology and syntax.

**ENG 408 INTRODUCTION TO LITERARY CRITICISM 3**

Studies theories of literary criticism from an historical perspective. Aristotle to modern criticism with special emphasis on Reader Response theory.

**ENG 414 METHODS OF RESEARCH 3**

Studies of tools, materials, procedures, and methods of secondary and primary research. Designed to provide English majors with the latest technological knowledge. Preknowledge of various documentation styles is a major requirement.

**ENG 415 AFRICAN-AMERICAN LITERATURE 3**

Focuses on literature of the US and Africa from slave narratives to present and highlights the work of black women writers. Includes literature of the Civil Rights Movement and post-colonial Africa.

**ENG 420 COMPARATIVE LITERATURE 3**

Provides a comparative study of literature from various perspectives including cultural, geographic, and periodic contrasts, emphasizing distinctions between western and non-western literature.

**ENG 430 INDEPENDENT STUDY 3**

Meets specialized needs and interests of traditional and non-traditional students outside the classroom. Requirements include major research paper and projects approved by the instructor.

**ENG 450 LINGUISTICS AND LANGUAGE 3**

Provides an introduction to linguistics with special emphasis on generative/transformational grammar. Study of generative grammar is expected to relate to remediation in language usage. Use of language in different contexts.

**ENG 451 SPECIAL TOPICS IN LANGUAGE AND LITERATURE 3**

Examines topics not specifically covered in other curriculum. Various topics are offered each semester and may include mythology, religious literature, folklore, and stylistics. May repeat for up to six hours of credit.

**ENG 455 METHODS OF TEACHING ENGLISH 3**

Provides liberal arts students and prospective English teachers with elementary and secondary level basic teaching methodology. Intended to complement College of Education. Prerequisite: Consent of the department head.

**ENG 499 WRITING INTERNSHIP 3**

Offers credit for professional experience in technical writing acquired through internships in industry. Designed for a minor in technical writing. (Elective)

## FINANCE

**FIN 301 BUSINESS FINANCE 3**

Examines financial problems of businesses in their domestic and international operations; working capital management, financial analysis, leverage, capital budgeting, capital structure, long-term financing, merger financial failure and related topics. Prerequisite: ACCT 202.

**FIN 302 INVESTMENTS 3**

Introduces the study of investments with primary emphasis on securities: common stock and bonds (corporate U.S. government, municipal), and the markets in which these securities are traded, fundamental and technical analysis and portfolio planning. Prerequisite: FIN 301.

**FIN 303 GENERAL INSURANCE 3**

Introduces the field of insurance, covering risk and risk management, premium determination, life insurance, fire and casualty insurance, auto insurance and various types of business insurance.

**FIN 304 PRINCIPLES OF REAL ESTATE 3**

Surveys real estate principles and practices which introduces the terminology, concepts and basic practices in the fields of real estate law, real estate finance, real estate appraisal, real estate property taxation and other pertinent topics.

**FIN 406 ADMINISTRATION OF FINANCIAL INSTITUTIONS 3**

Explores functions of management in major private financial institutions, i.e., commercial banks, saving and loan associations, insurance companies, and investment companies. Emphasis upon identification and analysis of administrative problems under varied economic conditions. Prerequisite: FIN 301.

## FIRST YEAR EXPERIENCE

**FYE 101 FRESHMAN SEMINAR I 1**

Assists first year students with their transition to the university community. This course will introduce the entering student to the university's academic programs, general education requirements, student handbook, university catalog, financial aid and registration, and relevant policies and procedures. This course will expose the first year student to the Grambling State University experience – its rich heritage, traditions and culture. Other topics covered in this course will include college survival skills such as goal setting, time management, critical thinking, active learning, note taking, study skills, test taking, communicating for results, and library usage.

**FYE 102 FRESHMAN SEMINAR II 1**

Offers a continuation of the discussions on college survival skills. Topics covered in this course will include career exploration, computer skills (MS Word, Excel and PowerPoint), building positive relationships, diversity and multicultural appreciation, leadership, ethics and responsibility, stress management, health and wellness, problem solving, financial aid and registration, and management of personal finances.

## FOOD AND NUTRITION

**FN 200 FOOD SCIENCE PREPARATION 3**

Applies nutrition knowledge and scientific principles of food composition, preparation and safety. It explores the relation of food structure to food preparation. Correct techniques and methods of food preparation are stressed.

## UNDERGRADUATE COURSES OF INSTRUCTION

<b>FN 202</b>	<b>QUANTITY FOOD PURCHASING</b>	<b>3</b>
Investigates management information needed for quantity food buyers. It includes important concepts and principles of purchasing. Processes used in determining quantities are also covered.		
<b>FN 204</b>	<b>NUTRITION</b>	<b>3</b>
Studies nutritional needs and body processes necessary for optimum health. The functions of various nutrients and their interrelationships and applications to humans throughout the life cycle are discussed. The emphasis is on the relationship of nutrition to growth and development.		
<b>FN 205</b>	<b>NUTRITION FOR CHILDREN</b>	<b>3</b>
Studies nutrition as it affects the total development of children. Course is especially designed for child development and elementary and early childhood education majors. It covers techniques of presenting nutrition information, including food preparation and nutrition activities for young children.		
<b>FN 300</b>	<b>MEAL MANAGEMENT</b>	<b>3</b>
Provides opportunities for students to practice the fundamentals of planning, preparing and serving nutritionally adequate, appetizing, and aesthetically pleasing meals. Resource management of time, money, energy, and motion is emphasized. Attention is given to types of table service and basic social concepts.		
<b>FN 301</b>	<b>DEMONSTRATION TECHNIQUES IN HOME ECONOMICS</b>	<b>3</b>
Plans and executes demonstrations in the use and care of facilities, food, and equipment. Attention is given to articulation and appearance of presenter. Course is especially designed for managers and trainers.		
<b>FN 302</b>	<b>INSTITUTION EQUIPMENT AND LAYOUT</b>	<b>3</b>
Provides design, selection and specification of food service equipment and furnishings for food service facilities in schools, colleges, hospitals, industry, and commercial operations to create efficient workflow. Principles, methods, and techniques used in purchasing equipment are emphasized. Field trips to local equipment houses are included.		
<b>FN 303</b>	<b>QUANTITY FOOD PRODUCTION</b>	<b>3</b>
Covers quantity food service management. Instruction and experience in keeping financial records, organizing, preparing and servicing of food for large groups are taught. The course includes financial reporting, cost analysis and computer applications for food service.		
<b>FN 304</b>	<b>SPECIAL PROBLEMS IN FOOD</b>	<b>3</b>
Examines individual problems that may be related to food selection, preparation and or styling for special occasions. It is an individual in-depth examination of recent research on food topics of current interest. Individual projects to include research, literature review, or creative production of a food topic of individual or professional interest in nutrition and food sciences.		
<b>FN 306</b>	<b>ORGANIZATION AND MANAGEMENT OF FOOD SERVICE (LECTURE)</b>	<b>3</b>
Studies principles of organization and management applied to institutional food service. Course includes theories, functions, and principles of management and tools for decision making, marketing strategy, consumer behavior, financial controls and administrative responsibilities. Principles of sanitation and quality control in restaurants, institution kitchens and food plants are also emphasized.		
<b>FN 400</b>	<b>ORGANIZATION AND MANAGEMENT OF FOOD SERVICE (PRACTICUM)</b>	<b>6</b>
Emphasizes development of food management expertise		

through on-the-job professional experience under supervision in the food service industry as planned for individual student's interest, needs, and background. It includes the professional's responsibilities, business procedures, and employer-employee—guest relationships in the industry. The industry supervisor evaluates work procedures and job performance and the instructor gives grades.

**FN 402 DIET THERAPY 3**  
Emphasizes diet modification and therapeutic nutrition. A study of nutrient needs throughout the life cycle is included. Nutrition as it relates to health care is closely investigated.

**FN 404 QUALITY CONTROL 4**  
Provides experiments in formulation of food products through variation of food components and processing procedures with subjective and objective evaluation. The course introduces food research through the investigation of recipe development and evaluation to solve selected problems. Individual projects to include research and literature review.

**FN 405 CULTURAL FOODS 3**  
Studies regional and international cookery and the food customs and habits of people with different national and ethnic backgrounds. Examination of changing food patterns and availability, nutrient composition and health effects of foods typical of different cultures. An understanding of the influences of culture on food and nutrition practices is also examined.

### FRENCH

**FREN 101/102 ELEMENTARY FRENCH 6**  
Examines the beginning elements of the French language. These include pronunciation, comprehension, reading, and writing. These courses are designed for students who have little or no knowledge of the language. FR101 is a prerequisite for FR 102.

**FREN 201/202 INTERMEDIATE FRENCH 6**  
Provides students with continued study of the objectives of French 101/102. Selected topics of interest are introduced and discussed. FR 101/102 are prerequisite courses for these classes. FR 201 is a prerequisite for FR 202.

**FREN 301/302 FRENCH CONVERSATION  
AND COMPOSITION 6**  
Provides advanced work in the French language. Topics representative of contemporary French culture and literature will be used. Conversation and composition will also be based on French current event issues. FR 202 is a prerequisite for FR 301; FR 301 is a prerequisite for FR 302.

**FREN 303/304 SURVEY OF FRENCH LITERATURE 6**  
Provides a basic knowledge of all important literary masterpieces written in French. Excerpts of different works will be discussed.

**FREN 308 CONTEMPORARY FRENCH CIVILIZATION 3**  
Studies contemporary French cultural patterns and attitudes. Political and economic structures are analyzed. FR 301 is a prerequisite.

**FREN 402 FRENCH LITERATURE  
FROM 1715 TO 1850 3**  
Studies the contribution of the French "philosophers." Romanticism is also examined. This includes writings of J.J. Rousseau through those of Victor Hugo. FR 301 is a prerequisite. (Elective)

**FREN 404 CONTEMPORARY FRENCH LITERATURE 3**  
Studies important French novelists, dramatists, and poets of the

# UNDERGRADUATE COURSES OF INSTRUCTION

modern era. French social values as reflected in the text are examined. These issues will be compared and contrasted with those of past century writers. FR 301 and 302 are prerequisites. (Elective)

**FREN 405/406 INDEPENDENT STUDY 6**  
Provides students with topics to be worked on independently. These topics will be based on individual needs and interests. Topics may include studies of selected French or Francophone works, cultural facets, or language aspects. FR 301 and 302 are prerequisites.

**FREN 470 FRENCH PHONETICS 3**  
Provides students with a systematic study of the French language in accordance with the methods of phoneticians and philologists. Correct diction and intonation will be stressed. English and French sound systems will be compared and contrasted. FR 301 and 302 are prerequisites.

## GENERAL BUSINESS

**GB 150 FUNDAMENTALS OF BUSINESS 3**  
Introduces basic business principles and practices, study and test taking skills, communication and life skills, career opportunities, job search preparation, ethics and social responsibility. Prerequisite: None.

**GB 202 APPLIED QUANTITATIVE METHODS IN BUSINESS 3**  
Exposes business majors to such analytical concepts as linear, logarithmic, and exponential functions; financial mathematics with a focus on simple and compound interest calculation and annuities; introduction to differential calculus, and applied optimization methods. Prerequisites: MATH 131 & MATH 132.

**GB 301 BUSINESS LAW 3**  
Introduces law, its relation to and effect upon society, business, and the individual, including government regulations, torts, contracts and the Uniform Commercial Code. Prerequisite: GB 150.

**GB 303 BUSINESS LAW II 3**  
Studies the law from its philosophical, ethical, and historical background, followed by current prevailing concepts in contracts, property, torts, application of the commercial code, and testamentary distributions. Specific attention is directed to business combinations and such government regulations as they affect the various activities of the business community. Prerequisite: GB 301.

**GB 304 BUSINESS COMMUNICATION 3**  
Provides a general introduction to the uses of communication in modern organizations. Organizational theory, behavior, and communication channels form the basis for special emphasis on using written communication to solve typical business problems. Instills an awareness of correct grammar and punctuation in writing; develops a clear, concise, convincing, and correct writing style. Prerequisite: ENG 213.

**GB 320 SUPERVISED WORK EXPERIENCE 3 OR 6**  
Provides supervised on-the-job experience not to exceed one semester. Participating students will be carefully selected and placed in job situations best suited to their particular needs. Prerequisites: GB 150; Junior standing and department head's approval.

**GB 331-332 COOPERATIVE WORK EXPERIENCE 6**  
Requires an assignment in a job situation for a semester. The assignments would be with either business, industry or a governmental agency. This course permits students to share two or

more cooperative experiences during their four year tenure at Grambling State University without extending their term of study. Enrollment based on application and permission of the . Prerequisite: GB 150.

**GB 351 BUSINESS STATISTICS I 3**  
Introduces quantitative analysis of business and economic problems, mainly deals with the uses of statistical methods and tools for decision-making. Area of concentration includes descriptive statistics, introduction to elementary probability through introduction to statistical inference. Prerequisite: MATH 131.

**GB 352 BUSINESS STATISTICS II 3**  
Presents concepts and methods of quantitative analysis with examples and problems relating to applications in business and economics. Coverage extends to sampling, estimation, hypothesis testing and regression-correlation analysis. Prerequisite: GB 351.

**GB 400 BUSINESS PRACTICUM 3 OR 9**  
Gives hands-on experience in business, industry or government for business majors. This course is designed to enhance the career prospect and professional development of business majors through industrial attachment and supervised work experience. The must certify assignment and sponsoring organization before registration. Prerequisites: GB 150 and Principles course in student's major.

## GENERAL EDUCATION TESTING

**GET 300 RISING JUNIOR EXAMINATION 0**  
Provides a required test of general knowledge, understandings, and skills administered to sophomores who have earned between forty-five (45) and sixty-one (61) semester hours credit. A prerequisite to the General Education Seminar (GES) series.

## GEOGRAPHY

**GEOG 200 STORY OF PETROLEUM 3**  
Examines the petroleum industry pictured from land leasing to product marketing. Importance of petroleum in economic, social, and political development will be reviewed.

**GEOG 201 CULTURAL GEOGRAPHY 3**  
Introduces the basic principles, methods, aims, and materials of geography; the elements and patterns of physical and social geography applied to an analysis of human affairs in certain nations and regions of the world.

**GEOG 300 GEOGRAPHY OF LOUISIANA AND THE SOUTH 3**  
Explores Louisiana as a unique part of the nation; land forms, drainage, a real differentiation of dominant economic exploitations; agriculture, forests, minerals, transportation, manufacturing and fisheries; urban Louisiana. (Elective)

**GEOG 303 CLIMATOLOGY 3**  
Investigates the processes and phenomena affecting the earth's climate, such as the hydrologic cycle, evapo-transpiration, electromagnetic energy transformation and transfer. (Elective)

**GEOG 308 PHYSICAL GEOGRAPHY 3**  
Examines the earth as a complex system. A discussion of the interrelationship existing between the atmosphere, hydrosphere, lithosphere, and biosphere, and the processes and phenomena therein will be included in this course. (Elective)

# UNDERGRADUATE COURSES OF INSTRUCTION

**GEOG 312 PRINCIPLES OF BASIC CARTOGRAPHY 3**  
Focuses on map projections, compilation, generalization and symbolization with emphasis on presenting quantitative data. Laboratory exercises for various practice drawings or sketches will also be included in this course. (Elective)

**GEOG 313 URBAN GEOGRAPHY 3**  
Gives an analysis of the development, functions, spatial patterns and geographic problems of American cities. (Elective)

**GEOG 315 INDEPENDENT STUDY IN GEOGRAPHY 3**  
Provides an opportunity for geographical research and completion of an approved project of interest. It accommodates students who may become interns in various industrial firms, urban planning or geographical research projects. (Elective)

**GEOG 316 DIRECTED READINGS IN GEOGRAPHY 3**  
Provides an avenue for students to pursue or probe into the various specialized fields of geography in order to either better understand the various fields, or to establish a special area of interest for themselves prior to entry to graduate school, and to release them from the restraint of meeting minimum class sizes before a course can be offered. (Elective)

**GEOG 405 WORLD GEOGRAPHY 3**  
Provides an outline of world geography with emphasis on the problem of man's relation to the land. Special attention is devoted to the lands and people of Asia and Africa. (Elective)

**GEOG 413 PRINCIPLES OF GEOMORPHOLOGY 3**  
Emphasizes the basic principles of geomorphology, the geomorphic agents of wind, water, ice, and more significantly man, who moves more earth than all other agents combined. Efforts will be made to identify landforms and the processes at work upon them causing continuous denudation.

**GEOG 490 GEOGRAPHY OF EASTERN UNITED STATES AND CANADA GEOGRAPHY OF WESTERN UNITED STATES AND MEXICO 3**  
Provides students with extended field study tours of selected major regions of the United States and adjacent lands. These tours cover a minimum distance of 5,000 miles and twenty-one or more days of travel. Students who take the tours given, through lectures, reading, and personal observation, experience a fuller understanding of natural, cultural and regional development in the United States. (Elective)

## HISTORY

**HIST 101 HISTORY OF WESTERN CIVILIZATION I 3**  
Covers the march of civilization from its beginning to the mid-17th century. A view of the history of man and his governmental, economic, social, religious, intellectual, and aesthetic activities will be covered.

**HIST 102 HISTORY OF CIVILIZATION II 3**  
Focuses on the march of civilization from the mid-17th century to the present. A panoramic view of the history of man; his governmental, economic, social, religious, intellectual, and aesthetic activities will be covered.

**HIST 104 MODERN WORLD HISTORY 3**  
Provides a panorama of the impact of major countries in the shaping of world policies, from the French Revolution to the present.

**HIST 201 AMERICAN NATIONAL MULTICULTURAL HISTORY TO 1877 3**  
Traces the American civilization from ancient Africa and Me-

dieval Europe to the founding of the thirteen original English colonies, the establishment of our nation, the sectional conflict that led to Civil War, and terminates with the end of Reconstruction in 1877.

**HIST 202 RECENT AMERICAN HISTORY 3**  
Surveys American History with emphasis on the political, social and economic development of the United States from 1877 to the present.

**HIST 300 HISTORIOGRAPHY 3**  
Introduces the evolution and philosophy of the meaning of history as a discipline, and presents a survey of the great historians and historical works and their impact on historical interpretations. Required of all majors.

**HIST 303 HISTORY OF BLACK WOMEN IN AMERICA 3**  
Illuminates the moving and dramatic role of black women in the western hemisphere. Emphasis is placed upon the heroic struggle of black women to survive, and to protect and advance the interests of their families, from early colonial days in the United States to the present. (Elective)

**HIST 306 HISTORY OF THE FAR EAST 3**  
Focuses on the political, social and economic developments in the Far East, particularly in China and Japan. Special emphasis is placed on modern times, international relations and problems of these countries.

**HIST 307 RUSSIAN HISTORY: REVOLUTION AND THE NEW REGIME 3**  
Surveys Russia on the eve of the Revolution, followed by an account of revolutionary destruction and construction in political, industrial, social and cultural life from 1917 through the post-World War II years.

**HIST 310 HISTORY OF LATIN AMERICA 3**  
Focuses on the rise of the Latin American States from colonial times to the present political and social development, and international relations of these states.

**HIST 313 UNITED STATES MILITARY HISTORY 3**  
Examines the origin and role of American military forces in our society from the colonial period to the present. Emphasis will be placed upon the principles of war in campaigns and the responsibility of the military in American global strategy during twentieth century and into the twenty-first century.

**HIST 319 AFRICAN-AMERICAN HISTORY TO 1877 3**  
Concentrates on the study of the African-American, slave and free, up to 1865. Emphasis is on the Black experience; the impact of the African-American on the institutions and culture of North America. (Formerly HIST 320.)

**HIST 320 AFRICAN-AMERICAN HISTORY SINCE 1877 3**  
Presents the efforts and problems of African-Americans as they struggled to acquire and exercise the rights and prerogative of freedmen. It also analyzes the measures of success enjoyed up to the present time. (Formerly HIST 321.)

**HIST 322 LOUISIANA HISTORY 3**  
Studies the people of Louisiana, their social customs, state constitution; Louisiana's place in the federal systems; government and courts; and resources.

**HIST 341 AFRICAN HISTORY: WEST AFRICA 3**  
Covers West Africa from ancient to modern times. Primary emphasis will be upon the gold coast area, the development of the slave trade, and the extension of European colonization. (Formerly HIST 340.)

# UNDERGRADUATE COURSES OF INSTRUCTION

**HIST 342 AFRICAN HISTORY: EAST AFRICA 3**  
Covers East Africa from ancient times to modern civilization and culture. Emphasis will be on the development of culture and institutions of the area. (Formerly HIST 341.)

**HIST 407 INTRODUCTION TO RESEARCH 3**  
Introduces the study and application of the techniques of research, including the use of computers to aid social science researchers.

**HIST 408 DIRECTED READING IN HISTORY 3**  
Emphasizes the reading of a wide range of materials, presenting oral and written reports, and executing projects. Students enrolled in this course must have the approval of the Head of the History Department and must not exceed three hours in a given semester. (Elective)

**HIST 493 HISTORY AND CULTURE SOUTH OF THE BORDER 3**  
Provides students with extended field study tours of Mexico. Students who take this tour will be exposed to lectures, readings, and personal observations, and will experience a fuller understanding of natural, cultural and regional development of Mexico. (Elective)

## FAMILY AND CONSUMER SCIENCES

**HEC 300 HOME ECONOMICS SEMINAR 3**  
Studies home economics as a profession. This includes the philosophy, leaders, legislations, historical and ethical consideration. The interrelationships to the biological, physical and social sciences are explored.

**HEC 457 ORIENTATION TO THE WORLD OF WORK 1**  
Covers management problems encountered in the hospitality and food-service industry. Industry representatives will make classroom presentations. Students will tour hospitality facilities.

## HOME MANAGEMENT

**HM 212 SAFETY AND SANITATION 3**  
Examines the fundamentals of sanitation, safety and health. Covers practical guidance in safe food handling. It is the same course as HRM 201.

**HM 400 CONSUMER EDUCATION 3**  
Introduces the principles and factors relating to the quality, cost and durability of selected consumer goods, including resource management and protection aspects of income, as well as concepts of systems of economics. The economic aspects of consumer purchasing, including the understanding of intelligent buying of commodities.

**HM 402 HOME MANAGEMENT 3**  
Develops efficiency and skill in the use of time, energy, and money in the household buying and management, as well as, methods of evaluating goods and services available to the consumer. A study of principles of management for successful homemaking. The course may be an elective for non-majors.

## HOUSING

**HOUS 202 HOUSEHOLD EQUIPMENT 3**  
Covers principles involved in the selection, operation and care of equipment used in the home. Stressed is the consumer approach in the study of equipment. Broad exposure to physical principles and application on effective utilization of energy and consumer benefits is given.

**HOUS 300 HOME FURNISHINGS 3**  
Studies practical application fundamentals of design and good taste in furnishing and decorating the home. Students conduct on-site research at different home furnishing industry. Maintenance is emphasized.

**HOUS 306 APPLIED ART 3**  
Explores the study and application of art principles in making various handicraft items for recreation, for use in the home, and for use as clothing accessories and for use in the early child care classroom. Elements and principles of art and design as related to the selection of accessories for the home and classroom are covered. The important role of color selection is emphasized.

## TEXTILES AND CLOTHING

**TC 200 TEXTILES 3**  
Introduces the study of fibers, weaves, design and finishes with emphasis upon information applicable to the selection and performance of textiles normally used in apparel and in home decoration. It covers the study of yarns and fabric construction for apparel and household textiles. The caring requirements of different fibers is included.

**TC 202 BASIC CLOTHING CONSTRUCTION 3**  
Concentrates on basic principles of clothing construction as applied in garment construction. Emphasis is placed on fabric selection, basic fitting and sewing techniques. Laboratory experience in clothing construction is included.

**TC 300 TAILORING 3**  
Discusses advanced principles of clothing construction with an intensive study of practical methods of solving fitting problems. Emphasis is placed on perfection and accuracy of construction. A non-major may take this course with approval of the instructor. Prerequisite: 202.

**TC 302 CLOTHING SELECTION AND ECONOMICS 3**  
Examines clothing as a medium for artistic perception, expression and experience and the study of clothing economic decisions important in production, acquisition and use of textiles and clothing. Analysis of the types of retail organization in relation to merchandising objectives, store policies and procedures. The responsibilities of buyers and merchandisers for various types of stores.

**TC 402 CHILDREN'S CLOTHING 3**  
Explores the selection, use and care of clothing for young children. The course will include laws and legislation pertaining to the production and labeling of wearing apparel for children. Laboratory experiences in clothing construction is included.

## HONORS COLLEGE

### BEGINNING SEMINAR

**HONS 110 FRESHMAN HONORS SEMINAR 2**  
Introduces beginning students to the university: its history, academic status, program requirements, guidelines for behavior and responsibility. Students learn the value of planning, using time wisely, thinking, speaking, budgeting and technology. They discuss the qualities of the Master Student as fundamental to learning, work, relationship, life and service.

**HONS 112 CAREER AWARENESS 2**  
Focuses on early analysis of and preparation for vocation. Students research desired majors, prepare resumes, write sample employment letters, discuss video presentations of interviews, engage in interviews, sign up with and maintain contact with the

# UNDERGRADUATE COURSES OF INSTRUCTION

Placement Center. Self analysis, values, ethics, logic, critical thinking, and responsibility are emphasized.

## INTERDISCIPLINARY SEMINARS

**HONS 220 MAN AND CULTURE 3**  
Surveys cultural development from the past to the present. It emphasizes man and established cultural institutions. Attention is given to interrelationship of individuals and society. The impact of the dynamics of cultural change on society is noted.

**HONS 240 SCIENCE AND SOCIETY 3**  
Provides an integrated approach to an understanding of how scientific principles affect individuals and society. Content includes the basic areas of science and mathematics. Attention is given to how scientific theories and natural phenomena relate to environment and individual welfare.

**HONS 295 EMPOWERING LEADERS 3**  
Focuses on understanding the meaning and quality of leaders and leadership. Emphases are placed on how ethics relate to leadership qualities/to outstanding leaders. Qualities of outstanding leaders are discussed and analyzed.

**HONS 300 HONORS WRITING LABORATORY 3**  
Encourages students with latent creative abilities in writing to sharpen their knowledge and skills in literary production: both avocational and vocational. Writing styles are examined and samples are produced. Samples of various types of writing are critiqued.

**HONS 310 CULTURAL DIVERSITY 3**  
Focuses on understanding major cultural groups and their impact on National and International Relations. Attention is given to the cultural contributions groups have made to society. The pros and cons of cultural diversity are examined.

**HONS 320 CURRENT PROBLEMS IN HUMANITIES AND SCIENCES 3**  
Focuses on a thematic, in-depth discussion of modern problems in the arts, humanities, and the sciences. Attention is given to life as a natural and a spiritual force. Discussions are designed to see the whole person as natural and spiritual.

**HONS 410 IDEAS AND BOOKS 3**  
Employs a discussion of books as a bases for ideas: past, present and future and a force for change.

**HONS 415 SCHOLARS AND SERVICE 3**  
Highlights perspectives on knowledge and service as unifying forces in strengthening institutions in society.

**HONS 440 HONORS THESIS 3**  
Highlights strategies in the selection of topics suitable for an undergraduate thesis and discussion of thesis writing. Students may substitute departmental thesis. The components of a thesis are examined through sample models. Students prepare, submit and present a thesis.

**HONS 450 INDEPENDENT STUDY 3**  
Provides for individual desires and needs of students interested in a wide range of topics related to or stemming from projects, research, etc. The director meets with students to guide them in planning the independent study (based on a research design). The study must be completed in keeping with the plan, with an oral presentation and a written document.

**HONS 460 HONORS LECTURE SERIES 2**  
Is a two hour lecture-forum series open to undergraduates, graduates and community citizens. It consists of a variety of topics on state and national concerns: Education, economics, envi-

ronment, civic rights, crime, cultural diversity, family, health, social diseases, etc. Lectures include speakers from local, state, national and international areas.

## HOTEL/RESTAURANT MANAGEMENT

**HRM 201 SANITATION AND SAFETY (SAME AS HM 212) 3**  
Covers the fundamentals of sanitation, safety, and health in hotels and restaurants. Emphasis will be placed on the causes and prevention of food poisoning. This course is designed for entry level students interested in the hospitality industry.

**HRM 222 INTRODUCTION TO THE HOSPITALITY INDUSTRY 3**  
Surveys the history, organization, opportunities, and problems of the hospitality industry. The growth and development of the hospitality industry, with emphasis on lodging will be included. Industry guest lecturers and field trips are utilized.

**HRM 302 PROFESSIONAL HOSPITALITY LAB EXPERIENCE 3**  
Provides hands-on laboratory experiences in the operation of a hospitality facility. Course can be done on or off campus with advisor's consent. An extensive summary of lab experience required by student.

**HRM 306 ORGANIZATION AND MANAGEMENT OF FOOD SERVICE (SAME AS FN 306) 3**  
Focuses on instruction in the basic principles of food production and service management. Course will also cover functions such as menu planning, purchasing, storage, and beverage management. Emphasis will be placed on the managerial role in a food and beverage facility.

**HRM 308 FRONT OFFICE MANAGEMENT 3**  
Explores systematic approaches to front office procedures. Reservation process to the billing and collection procedures will be studied. The role of the front office manager is emphasized.

**HRM 309 FUNDAMENTAL OF TRAVEL AND TOURISM 3**  
Introduces he broad field of travel and tourism. Tourist flow patterns; tourism statistics and the role of package tours will be covered. The travel and tourism market in the State of Louisiana is surveyed.

**HRM 311 TOURISM MANAGEMENT 3**  
Researches the organization and management of tourism in the United States and selected foreign countries. Significant trends and constraints affecting tourism management will be reviewed. Guest lecturers and field trips will be utilized.

**HRM 312 FACILITY DESIGN AND PLANNING 3**  
Covers the design and construction phase of hotel and restaurant facilities. Emphasis will be placed on the importance of thorough planning and informed decision-making during the design and equipment selection process. Field trip required.

**HRM 313 PROPER MANAGEMENT AND MAINTENANCE 3**  
Examines the essential components of efficient property management. Course will include energy management, equipment selection and maintenance. Maintenance department's contribution to guest satisfaction will be studied.

**HRM 314 MARKETING THE HOSPITALITY INDUSTRY 3**  
Explores the unique characteristics of marketing services as opposed to products. Principles and practices of marketing the ser-



# UNDERGRADUATE COURSES OF INSTRUCTION

VICES of the hotel and restaurant industry will be examined. Consideration of the marketing concepts and methods leading to customer satisfaction with attention to internal and external stimulation of sales will be reviewed.

**HRM 352 HOUSEKEEPING MANAGEMENT 3**

Covers principles and practices of good housekeeping management in the hospitality industry. Course will emphasize the importance of housekeeping in regard to guest satisfaction. Guest lecturers and field trips are included.

**HRM 400 PROFESSIONAL PRACTICUM 6**

Requires students to work with one company in the hospitality industry for a minimum of 360 hours. Students will be required to submit a report critiquing the operation of the position held. Successful completion of the report and 360 hours work requirement will be deemed a passing effort.

**HRM 401 HOSPITALITY LAW 3**

Explores the rights and responsibilities imposed upon a restaurateur or hotelier. Course will illustrate the potential consequences of failing to satisfy legal obligations. The duties to guest, ejection of undesirables, liabilities for personal injuries, damage, arrest and detention of offenders are topics discussed.

**HRM 403 FOOD PRODUCTION MANAGEMENT (SAME AS FN 401) 3**

Provides food production experience. Principles and methods of preparing food in quantity are emphasized. Students will apply management theories in a food industry environment.

**HRM 410 TOURISM MARKETING 3**

Analyzes the development, application, and evaluation of current tourism marketing. Public relations techniques used in the marketing of the tourism product will be reviewed.

**HRM 414 INTRODUCTION TO MEETING AND CONVENTION MANAGEMENT 3**

Provides a general overview of the meeting and convention management industry. General information about the industry is provided. Course will require the student to construct and attend local profession meeting.

**HRM 417 CONVENTION AND TRADE SHOW MANAGEMENT 3**

Provides a comprehensive study of trade shows from both the buyers and sellers point of view. Topics will include wholesale and retail operations, transportation modes, and destination planning. Guest lecturer from the professional trade show industry will be included.

**HRM 455 CURRENT ISSUES IN THE HOSPITALITY INDUSTRY 3**

Studies management problems in the hospitality industry including executive selection, training, organization and finance, controls and long range planning. Recent developments and concerns related to management of hospitality operations is reviewed. Course includes industry guest lecture series.

**HRM 456 SEMESTER INTERNSHIP 12**

Prerequisite: 3.0 GPA in specialized course requirements to be considered for a semester internship. The requirements for the semester internship will include: 1) seven hundred-twenty (720) hours of supervised on-the-job training as a management trainee in at least three hospitality departments, and 2) a final report on three departments, including interviews department supervisors and an evaluation of their individual management styles.

**HRM 457 INTERNSHIP 10**

Includes four hundred and eighty (480) hours of supervised on-

the-job training. Students must train in at least two (2) hospital-ity areas. The course requires the submitting of a report on each work experience and the employer is required to submit performance evaluation.

## HUMANITIES

**HUM 200 AFRICAN CULTURE 3**

Familiarizes the student with the culture of Africa. Its main thrust is to assist the student in developing an appreciation of that culture. It is a study of African literature, art, music, and dance. The African history and the philosophical ideas are stressed.

**HUM 201 WESTERN CULTURE 3**

Acquaints students from many academic majors with the development of the Western cultural tradition in the ancient and medieval periods, through a study of the history, religion, philosophy, literature and visual arts of those cultures central to the development of the Western tradition.

**HUM 202 NON-WESTERN CULTURE 3**

Acquaints students from various academic disciplines with the major cultural traditions of Asia, with particular attention to India, China, Japan and the Middle East, through a study of the history, religion, philosophy, literature, visual arts and social structure of the Eastern world.

**HUM 301 HUMANITIES OF THE SOUTH 3**

Explores humanities of the South as an interdisciplinary course. It is designed to help the student to become knowledgeable of the art, history, literature, and music of the South. The emphasis is on Louisiana.

## INDUSTRIAL ARTS EDUCATION

**TE 101 TECHNICAL GRAPHICS I 3**

Examines lettering, sketching, orthographic projections, sections, auxiliary views, pictorial drawings and computer-aided drafting. Same as ETC 103.

**TE 102 TECHNICAL GRAPHIC II 3**

Discusses graphic projections and solutions of space problems involving points, lines, planes, intersections, revolutions and vectors. Same as DET 201. Prerequisite: TE 101.

**TE 103 PRINCIPLES OF ELECTRICAL CIRCUITS I 3**

Deals primarily with DC (Direct Current) circuit principles. Topics include current, voltage, resistance, Ohms Law, power and energy, series and parallel circuits, and methods of analysis and network theorems. Same as ETC 104 and ETC 124.

**TE 104 PRINCIPLES OF ELECTRICAL CIRCUITS II 3**

Provides a continuation of Principles of Electrical Circuits I. This course deal primarily with AC (Alternating Current) circuit theory. Topics include capacitors, inductors, series and parallel RLC circuits, network, theorems, frequency response, resonance and transformers. Same as EET 201 and EET 221. Prerequisites: ETC 104, Math 147 & Math 148. Corequisite: EET 221.

**TE 105 INTRODUCTION TO TECHNOLOGY EDUCATION 2**

Provides an orientation for persons entering or exploring Technology Education as a professional option.

**TE 201 WOOD TECHNOLOGY I 3**

Deals with basic tools, power machines and industrial processes common to the wood processing industry.

# UNDERGRADUATE COURSES OF INSTRUCTION

**TE 202 WOOD TECHNOLOGY II 3**  
Examines technology and practical knowledge in performing operations with woodworking machines used in shops and on jobs. Advanced procedures and operations. Prerequisite: TE 201.

**TE 301 FUNDAMENTAL OF AUTO SYSTEMS 3**  
Introduces the gasoline and diesel internal combustion engine. Emphasis on automotive tools and measurements. Also, involving investigation and analysis of systems, system components and techniques in testing and measurement of engine functions including servicing of systems.

**TE 303 MANUFACTURING TECHNOLOGY I 3**  
Studies structure, properties, processing and behavior of engineering materials in order to develop, prepare, modify and apply them to meet specific needs. Discussion of forming operations including drawing, molding, casting, rolling, heat treatment and extrusion, preparation of coating, fibers, and composites. Discussion of forming operations including drawing, molding, casting, rolling, heat treatment and extrusion. Preparation of coating, fibers, and composites. Discussion of machinability and surface finish characteristics. Same as ETC 202 and ETC 222.

**TE 304 MANUFACTURING TECHNOLOGY II 3**  
Introduces the tooling system to provide basic machine tool processing for modern manufacturing systems. A study of tool design for special operations in conventional and computer aided manufacturing systems. Key factors with regard to tool design and selection will be discussed. Prerequisite: TE 303.

**TE 305 BASIC CONCEPTS IN TECHNOLOGY EDUCATION 2**  
Studies the curriculum in Technology Education integrating technical and professional information.

**TE 402 COURSE DEVELOPMENT IN TECHNOLOGY EDUCATION 3**  
Reviews systematic approach to identifying and selecting instructional strategies. Prerequisites: Junior or Senior Status or Consent of instructor.

**TE 408 LABORATORY PLANNING, MANAGEMENT AND SAFETY 3**  
Examines design of an educational environment with regard to program content and methods, resources and relationships to total school.

## JAPANESE

**JAP 101/102 ELEMENTARY JAPANESE 6**  
Provides students with a basis for learning Japanese focusing especially on listening and speaking skills as a beginner. The grammatical structures of Japanese are also stressed. These courses are designed for students who have little or no knowledge of the Japanese language. These courses are offered as part of a collaborative effort with the Japanese Exchange Program.

## KINESIOLOGY (Concentrations in Pedagogy, Sport Management and Health Promotion)

**PE 101 BEGINNING SWIMMING 2**  
Teaches the non-swimmer the basic fundamentals of floating, gliding, and the beginner strokes. Laboratory experiences are required.

**PE 102 ADVANCED BEGINNING SWIMMING 2**  
Provides instruction for the beginner-swimmer in developing advanced swimming skills for the back and front crawl, the elementary back and side strokes, and the breast stroke. Laboratory experiences are required. Prerequisite: PE 101.

**PE 103 BADMINTON 1**  
Covers the basic fundamentals of the forehand, backhand, and underhand strokes, to include serves and strategies. Badminton history is covered, as well as rules, regulations, scoring, and court dimensions. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.

**PE 104 BOWLING 1**  
Explores the history of the sport and details the basic technique of the bowling approach, arm swing, posture, and follow-through. Also covered are rules, regulations, scoring, and equipment-of-use. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.

**PE 105 BEGINNING TENNIS 1**  
Exposes the non-tennis player to the history of the sport and the technique used in demonstrating a forehand, backhand, and volley. Coverage also includes scoring, rules, regulations, court dimensions, and equipment-of-use. USTA rules of 1.0 to 2.5 are used. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.

**PE 106 WATER AEROBICS 1**  
Covers concepts of aquatic fitness and water exercise. Featured are low-impact to high-impact workout routines designed to improve fitness levels. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.

**PE 107 MODERN DANCE 2**  
Studies contemporary movement experiences in modern, jazz, ballet, and free-form dances. Laboratory experiences are required.

**PE 108 RECREATION GAMES 1**  
Reviews rules and regulations governing how to play selected recreational games (e.g., cards, shuffleboard, checkers, croquet, ring toss, teeter ball, lawn bowling, table tennis, dominoes, chess, etc.). Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.

**PE 109 SOCIAL DANCE 1**  
Provides an introduction to the history of dances such as: Ballroom, folk, two-step, rumba, mazurka, poka, etc. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.

**PE 110 SOFTBALL 1**  
Studies the history, including rules, regulations, and strategies of the sport. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.

**PE 111 SQUARE DANCE 1**  
Covers dance formations, transitions, and patterns demonstrated to square dance music. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.

**PE 113 TENNIS 2**  
Reviews the fundamentals of the forehand, backhand, volley, serve, and overhead. Instruction covers scoring, court dimensions, and equipment-of-use. Rules of application include USTA 3.5 to 4.5. Laboratory experiences are required. Prerequisites: PE 105 and PE 160 or teacher approval.

## UNDERGRADUATE COURSES OF INSTRUCTION

<p><b>PE 114 VOLLEYBALL 1</b> Observes the history of the sport and develops skills to execute the serve, volley, set, spike, dig, and block. Study includes rules, regulations, scoring, court dimensions, and equipment-of-use. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.</p> <p><b>PE 115 WEIGHT TRAINING 1</b> Provides detailing safe use of weights. Individual work-out plans are developed. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.</p> <p><b>PE 116 GOLF 1</b> Reviews golf history, terminology, rules, regulation, and etiquette. Golf fundamentals are reviewed, as well as basic grips, proper stance, putting, and club selection. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.</p> <p><b>PE 117 ARCHERY 1</b> Covers history, equipment-of-use, skills development, and safety. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.</p> <p><b>PE 119 PHYSICAL FITNESS AND WELLNESS 1</b> Features conditioning activities designed to promote cardiovascular fitness, muscular endurance, and overall health. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.</p> <p><b>PE 120 MARTIAL ARTS 2</b> Covers the history of the sport, to include the basic fundamentals of martial arts for self-defense. Laboratory experiences are required.</p> <p><b>PE 121 AEROBIC DANCE 1</b> Features loco motor experiences designed to develop cardiovascular fitness, muscular endurance, agility, and balance and coordination. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.</p> <p><b>PE 122 FUNDAMENTALS OF BASKETBALL 1</b> Covers the basic fundamentals of dribbling, passing, shooting, rebounding, blocking out, and team play. Basketball history is covered, as well as rules, regulations, strategies, scoring, and court dimensions for high school and college play. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.</p> <p><b>PE 123 FLAG FOOTBALL 1</b> Highlights the basic fundamentals of blocking, passing, receiving, flag retrieval, punting, and equipment-of-use. The history of flag football is covered, which includes strategies, rules, regulations, scoring, and field dimensions of the sport. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.</p> <p><b>PE 124 WEIGHT TRAINING AND BODY MECHANICS 1</b> Covers the safe use of weights, to include individual work-out and conditioning activities promoting cardiovascular fitness, muscular endurance, and overall health and wellness. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.</p> <p><b>PE 125 SOCCER 1</b> Studies the basic fundamentals of blocking, passing, receiving, dribbling, punting, and equipment-of-use. The history of soccer is covered, which includes strategies, rules, regulations, scoring, equipment-of-use, and field dimensions of the sport. Laboratory</p>	<p>experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.</p> <p><b>PE 126 RACKETBALL 1</b> Covers basic fundamentals of the forehand, backhand, serving, ball-tracking, equipment-of-use, and safety procedures. The history of racketball is covered, as well as the strategies, rules, regulations, scoring, and court dimensions of the sport. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.</p> <p><b>PE 127 HANDBALL 1</b> Teaches the basic fundamentals of the forehand, backhand, serve, and safety procedures. Emphasis is placed on teaching ball-tracking, history, rules, regulations, scoring, and court dimensions of the sport. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis.</p> <p><b>PE 140 INTERMEDIATE MARTIAL ARTS 2</b> Covers the history of the sport, to include advanced techniques and procedures of martial arts for self-defense. Laboratory experiences are required. Prerequisite: PE 120.</p> <p><b>PE 160 INTERMEDIATE TENNIS 1</b> Reviews the fundamentals of the forehand, backhand, volley, serve, and overhead. Instruction covers history, scoring, court dimensions, and equipment-of-use. Rules of application include USTA 2.5 to 3. Laboratory experiences are required. The course is offered on a first (1st) and second (2nd) nine (9) week basis. Prerequisite: PE 105.</p> <p><b>KNES 200 MICROCOMPUTER COMPETENCY FOR KINESIOLOGY AND LEISURE STUDIES MAJORS 3</b> Emphasizes basic use of microcomputers within the areas of kinesiology and leisure studies. Basic knowledge of word processing, spreadsheets, data base management, power point, and internet usage is covered.</p> <p><b>KNES 201 FOUNDATIONS OF KINESIOLOGY AND SPORT 3</b> Reviews historical developments, current issues, professional organizations, career opportunities and certification requirements in physical education. Observation and participation experiences required.</p> <p><b>KNES 203 GAMES OF LOW ORGANIZATION 2</b> Reviews rules and regulations governing how to play selected school games for use with grades K-8. Laboratory experiences are required.</p> <p><b>KNES 204 FOLK DANCE 2</b> Provides an introduction to the history of selected folk dances from different cultures. Laboratory experiences are required.</p> <p><b>KNES 205 COACHING BASKETBALL 2</b> Studies the principles, theories, and concepts underlying coaching as a career, leading to the development of a philosophy of coaching basketball. Prerequisite: PE 122 or teacher approval.</p> <p><b>KNES 206 APPRECIATION OF PERFORMING ARTS THROUGH DANCE 3</b> Provides an in-depth study of the historical and cultural backgrounds of dance and movement expressions of various countries. Special emphasis is placed on student participation and interpretation of dances.</p> <p><b>KNES 208 TECHNIQUES OF DANCE 2</b> Covers the fundamental principles and theories of different techniques of dance. Emphasis is on creativity, flexibility, placement,</p>
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# UNDERGRADUATE COURSES OF INSTRUCTION

locomotor skills, and improvisation in modern styles for teaching dance. Prerequisite: PE 206 or teacher approval.

**KNES 209 INTERMEDIATE SWIMMING 3**

Requires demonstrated skills of breast, side and elementary back strokes; floating, the front crawl, rhythmic breathing and water safety techniques. Prerequisite: PE 102 or teacher approval.

**KNES 210 GYMNASTICS AND TUMBLING 1**

Covers the basic gymnastics and tumbling skills that includes theory and practice of using different apparatus and mechanics of body movement. The course is offered on a first (1st) and second (2nd) nine (9) week basis. Observation and participation hours required.

**KNES 212 GENERAL SAFETY 2**

Studies the teaching of school and community safety issues, procedures and monitoring techniques. Driving and highway safety are featured.

**KNES 213 BASIC ATHLETIC TRAINING 3**

Emphasizes sport medicine as it relates to the athlete, parent, coach, physician, trainer, athletic administrator and the school. Prerequisite: BIOL 305.

**KNES 214 TECHNIQUES AND SKILLS IN TEAM/LIFETIME SPORTS I 3**

Covers skills, techniques and strategies of selected individual, dual, team and lifetime sports. Also, covered are teaching methodologies, unit and lesson plans, group management and laboratory experiences. Observation and participation experiences are required.

**KNES 215 TECHNIQUES OF TEAM/LIFETIME SPORTS I 3**

Is a continuation of KNES 214. It emphasizes the acquisition of basic skills and teaching strategies. Also included are the techniques of camping, backpacking, orienteering and outdoor programming. Observation and participation experiences are required.

**KNES 217 LIFETIME SPORTS 2**

Emphasizes the acquisition of basic skills, and teaching strategies and procedures for selected individual, dual and team sports. Covered for each sport are rules and regulations.

**KNES 218 LIFEGUARD TRAINING 3**

Certifies individuals as lifeguards by meeting Red Cross Lifeguard requirements. Prerequisite: KNES 209.

**KNES 220 WATER SAFETY INSTRUCTOR 3**

Certifies individuals as water safety instructors by meeting Red Cross Water Safety Instructor requirements. Prerequisites: KNES 209 and KNES 218. (Must be 17 years of age.)

**KNES 221 PSYCHOLOGICAL AND SOCIOLOGICAL FOUNDATIONS OF SPORT 2**

Studies the psycho/social aspects of sport and coaching the high school-aged athlete. Emphasizes arousal and sport behaviors, anxiety and motor performance, intervention strategies, observational learning, aggression, leadership, team building, and the family and peer group influences. Prerequisite: KNES 201.

**KNES 222 RECREATION AND INTRAMURAL SPORTS 3**

Covers the philosophy, principles, and communication needs in recreation and intramural sports as related to concepts of management and application to sport settings. Tournament and competitive sports are covered.

**KNES 301 ELEMENTARY STRATEGIES AND METHODS OF PHYSICAL EDUCATION 2**

Features methods, materials and techniques of teaching physical education in the elementary school. Laboratory experiences are required. Observation and participation experiences are required.

**KNES 306 KINESIOLOGY 3**

Covers the analytical and mechanical analysis of movement through the study of the human muscular system. Prerequisite: BIOL 305.

**KNES 307 COACHING THE YOUNG ATHLETE 3**

Emphasizes the integration of sport science with sport management and coaching techniques as applied to coaching young athletes aged 6-18. Prerequisites: KNES 201, KNES 214, and KNES 221.

**KNES 308 METHODS AND PRINCIPLES IN MIDDLE AND SECONDARY PHYSICAL EDUCATION 3**

Studies principles and methodologies useful in teaching physical education in the middle and secondary schools. The class studies principles underlying the physical education program, class organization and management and content assessment.

**KNES 310 BIOMECHANICS 3**

Examines body mechanics applied to physical performance, analysis of specific performance skills and application to the instructional and performance processes. Laboratory experiences required. Prerequisite: BIOL 305 and KNES 306.

**KNES 312 PREVENTION AND CARE OF ATHLETIC INJURIES 3**

Emphasizes prevention, treatment and proper care of athletic injuries. Laboratory experiences are required. Prerequisite: KNES 213 and BIOL 305.

**KNES 313 MEASUREMENT AND EVALUATION IN PHYSICAL EDUCATION 3**

Uses lecture, discussion, and demonstration methods to teach, analyze, and construct tests in physical education in the cognitive, affective and psychomotor domains. Prerequisites: KNES 201, KNES 214, and KNES 221.

**KNES 314 ADVANCED ASSESSMENT AND TREATMENT OF ATHLETIC INJURIES 3**

Reviews training room assessment procedures, first aid treatments, medical referrals, rehabilitation issues, use of selected treatment equipment and protective strappings and paddings for sport. Prerequisite: KNES 312.

**KNES 315 CONTEMPORARY DANCE TECHNIQUES 3**

Highlights dance and rhythmical techniques for the elementary and secondary teacher with emphasis on the co-curricular school. Laboratory experiences are required.

**KNES 316 PHYSIOLOGY OF EXERCISE 3**

Includes physiological responses and related body measures to exercise. Laboratory experiences will cover measurements of work load capacity, fitness levels, and cardiovascular and anthropometric measurements. Prerequisites: BIOL 305 and CHEM 101.

**KNES 317 METHODS AND STRATEGIES IN TEACHING MIDDLE AND SECONDARY PHYSICAL EDUCATION 3**

Covers different methods and strategies useful in teaching middle and secondary physical education in grades K-12. Content assessment and classrooms management and organization are featured. Observation and participation experiences are required.

# UNDERGRADUATE COURSES OF INSTRUCTION

<p><b>KNES 318 PERCEPTUAL MOTOR DEVELOPMENT IN PHYSICAL EDUCATION 3</b> Studies motor development, movement education, coordination and psychomotor functioning related to physical education and recreation program development.</p> <p><b>KNES 319 MOTOR LEARNING 3</b> Studies motor development, motor control, and motor learning and related to human movement throughout the lifespan.</p> <p><b>KNES 321 ORGANIZATION ADMINISTRATION OF ATHLETICS 3</b> Covers organization and management of athletic programs and teams, including budgeting, promotions, development, public relations, fund raising and other aspects of administering athletic programs.</p> <p><b>KNES 349 PROFESSIONAL ACCOUNTABILITY IN KINESIOLOGY 3</b> Offers additional test preparation work for kinesiology teacher candidates needing more assistance with the PRAXIS examination, Specialty Area.</p> <p><b>KNES 400 BASIC TRAFFIC SAFETY EDUCATION 3</b> Provides an introduction to the analysis of driving, covering the theory, practice, and principle. Laboratory experiences are required.</p> <p><b>KNES 401 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION AND SPORT 3</b> Discusses school organization and administration issues, policies, procedures and practices, including staffing, personnel evaluation, purchasing, equipment maintenance, fundraising, classroom management and public relations. Prerequisites: KNES 201, KNES 214 and KNES 317.</p> <p><b>KNES 402 PRACTICUM IN ATHLETIC TRAINING 5</b> Uses lecture, discussion and demonstration methods to teach principles, practices and procedures of sports medicine. Placement with a certified athletic trainer is required. Prerequisites: KNES 213 and KNES 312.</p> <p><b>KNES 404 ADAPTED PHYSICAL EDUCATION 3</b> Prepares teachers to plan, develop, implement and evaluate instruction and programs designed to teach and serve the disabled. Terminology, equipment use and different teaching methodologies are also covered. IEPs will also be incorporated. Prerequisites: KNES 306 and BIOL 305.</p> <p><b>KNES 407 DRIVER EDUCATION AND TRAFFIC SAFETY 3</b> Features driver and traffic safety education issues, including an analysis of driving theories and driver-tasks in negotiating safety in traffic. Road driving required.</p> <p><b>KNES 408 PROBLEMS AND MATERIALS OF DRIVER EDUCATION 3</b> Emphasizes an indepth study of traffic accidents, reporting of accidents, signaling, car inspections, road safety, night/day driving and current legislation. Laboratory experiences are required.</p> <p><b>KNES 409 PHYSICAL EDUCATION FOR THE EXCEPTIONAL CHILD 3</b> Covers basic concepts pertaining to organizing and teaching physical education to the disabled. Study includes administrative school-based programs and community inter-agency cooperation. Prerequisites: PE 317 and PE 404.</p>	<p><b>KNES 499 SENIOR COMPREHENSIVE 0</b> Covers preparation for subject field (i.e., pedagogy/teaching, sport management and health promotions) competency based examinations. Enrollment is during the senior year.</p> <p><b>SPM 405 SPORTCLUB/ EVENT MANAGEMENT 3</b> Provides an overview of the various aspects and careers in sport clubs and event management. It will allow students to identify the types of skills and knowledge a facility or event manager should possess. This course will also allow students to plan an actual sporting event. Prerequisite: Senior Status.</p> <p><b>SPM 409 GOVERNANCE OF SPORT 3</b> Studies the structure and functions of governance in high school, college and professional sports, the Olympic movement, and non-profit sport agencies. Prerequisite: KNES 201.</p> <p><b>SPM 417 SPORT MARKETING AND DEVELOPMENT 3</b> Provides an in depth view of sport marketing. The principles, strategies and techniques used in effective sport marketing will be discussed. Prerequisite: Senior Status</p> <p><b>HED 100 FIRST AID 1</b> Provides fundamentals of first aid as a temporary, minor emergency care service is covered. The American Red Cross standards and resources are studied.</p> <p><b>HED 102 ADVANCED FIRST AID 2</b> Reviews advanced first aid and safety procedures, culminating in first aid and cardiopulmonary resuscitation cards. Laboratory experiences are required.</p> <p><b>HP 201 PERSONAL HEALTH 3</b> Covers contemporary issues in health education and explores choices and considerations in developing a healthy lifestyle. Addresses the dimensions of health (i.e., physical, emotional, social, intellectual, spiritual, and environmental).</p> <p><b>HP 203 DRUGS AND HUMAN HEALTH 3</b> Studies the historical aspects of man's use of drugs, the nature of drugs, classification and implications of drug abuse, particularly for youth and methods of abuse treatment.</p> <p><b>HP 205 PRINCIPLES OF HEALTH EDUCATION 3</b> Discusses the basic principles underlying the science of health, health education and health promotion.</p> <p><b>HP 300 TEACHING STRATEGIES IN ELEMENTARY HEALTH EDUCATION 3</b> Discusses concepts and methods of teaching health education to elementary students within the framework of coordinated school health programs.</p> <p><b>HP 301 TEACHING STRATEGIES IN MIDDLE AND SECONDARY HEALTH EDUCATION 3</b> Discusses concepts and methods of teaching health education to middle and secondary students within the framework of coordinated school health programs.</p> <p><b>HP 302 HEALTH ASPECTS OF GERONTOLOGY 3</b> Covers scientific research and sociological implications of aging in terms of personality adjustments associated with the aged population. Laboratory experiences are required.</p> <p><b>HP 304 UNDERSTANDING HUMAN SEXUALITY: HEALTH PERSPECTIVE 3</b> Studies the physical, mental, social, emotional, spiritual, and psychological dimensions of human relations, including discussions of changes in human sexual development, lifestyle choices, birth control methods, and prevention of sexually transmitted diseases.</p>
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# UNDERGRADUATE COURSES OF INSTRUCTION

**HP 305 ORGANIZATION AND ADMINISTRATION OF COMPREHENSIVE SCHOOL HEALTH PROGRAMS 3**

Covers instruction in health screening techniques for all grade levels and community health service agencies and organizations. Principles and procedures in organizing and administering comprehensive school health programs are featured.

**HP 306 INTRODUCTION TO COMMUNICABLE DISEASES 3**

Addresses issues of transmission of communicable diseases in the human population and health effects of environment interactions. Also addressed are principles of epidemiology and types and schedules of immunizations.

**HP 320 STRATEGIES OF COMPREHENSIVE SCHOOL HEALTH EDUCATION 3**

Covers the organization, content, and strategies for teaching Comprehensive School Health Education in Pre K-12 grades. Teaching methods and strategies are studies.

**HP 400 CONSUMER HEALTH PROMOTION 3**

Reviews health care fraud, quackery, and health misinformation. Health care options and various health insurance programs, including medicaid and medicare programs will be covered.

**HP 403 ENVIRONMENTAL HEALTH AND SAFETY EDUCATION 3**

Studies the role of the health educator in maintaining safe and healthful environments. Additional study includes review and implementation of policies, procedures, and supervisory techniques; causes of accident-preventive and remedial action; development of instructional units on urban air and water conservation; and kinds of pollutants and methods of control.

**HP 404 FAMILY EDUCATION IN THE HOME, SCHOOL AND COMMUNITY 3**

Studies principles and responsibilities of family education in the home, school, church, and community. Emphasis is placed on communication and importance of family gatherings.

**HP 405 COMMUNITY HEALTH 3**

Discusses the organization and practice of community health. Emphasizes community health promotion, program planning and implementation. Explained are the roles of federal, state, and local governments, as well as voluntary health agencies.

**HP 406 MEASUREMENT AND EVALUATION IN HEALTH EDUCATION 3**

Studies methods used in evaluating health education and health promotion programs. Laboratory experiences are required.

**HP 410 PLANNING AND EVALUATION OF HEALTH EDUCATION PROMOTION PROGRAMS 3**

Reviews techniques and methods utilized in planning and evaluating health education programs, such as Precede-Proceed and the Health Belief Model.

**HP 450 INTRODUCTION TO INTERNATIONAL HEALTH PROMOTION 3**

Reviews concepts of comprehensive health education in developing countries and the role of the World Health Organization (WHO) in community and school health education. Global immunization efforts, control of population growth, refugee and migration issues, environmental degradation, and epidemic communicable diseases are discussed.

**LEISURE STUDIES (Recreation and Therapeutic Recreation)**

**REC 200 OUTDOOR LEISURE EDUCATION 2**

Provides an overview of the aesthetic appreciation of outdoor leisure education, covering environmental issues and opportunities impacting outdoor pursuits.

**REC 204 INTRODUCTION TO RECREATION AND LEISURE SERVICES 3**

Provides an orientation to the field of leisure services and organized recreation, covering its history and philosophy as well as concepts related to leisure and play.

**REC 206 HISTORY AND PRINCIPLES OF RECREATION 3**

Discusses the history of recreation, leisure, and play services, past to present, to include theories and philosophies. Significant contributions to the discipline are discussed.

**REC 218 HISTORY OF RECREATION, LEISURE, AND PLAY 3**

Studies the history and principles of recreation, leisure and play, including theories, philosophies and events contributing to the discipline. Significant contributions to the discipline are discussed.

**REC 225 FIELDBASE PRACTICUM 1-3**

Provides hands-on, supervised work experiences in health and physical education, sport management, and leisure studies at approved career field agencies and organizations. Credit hours are available on a variable basis. A 100 clock hour minimum requirement must be satisfied before enrolling in REC 415-Seminar in Recreation and REC 416-Internship in Recreation. By course completion, the area of concentration for internship must be decided.

**REC 230 INTRODUCTION TO THEORIES OF LEISURE AND PLAY 3**

Studies the concept of leisure and play as well as related philosophical issues, past to present.

**REC 301 PROGRAM PLANNING IN RECREATION 3**

Reviews principles, techniques, and innovations of contemporary recreation programming, spanning commercial, private, government and public sectors. Prerequisites: TREC 204, REC 218, and REC 225; REC 204 for GREC students.

**REC 305 CAMP COUNSELING 3**

Studies the history of camping, administrative procedures, backpacking, camp construction and layout, orienteering, outdoor programming and evaluation procedures.

**REC 309 LEADERSHIP TRAINING IN RECREATION 3**

Examines methods and techniques of effective leadership in recreation and leisure services, along with concepts of working with and motivating small to large groups. Prerequisite: REC 301.

**REC 310 URBAN RECREATION 3**

Studies the dynamics of urban areas, including social, educational, political and economic issues. Emphasis is on policies of government, private and commercial agencies that impact recreation in the inner city. Prerequisite: REC 204.

**REC 325 DESIGN AND MAINTENANCE OF RECREATION FACILITIES 2**

Reviews the basic principles and concepts of design of recre-

# UNDERGRADUATE COURSES OF INSTRUCTION

ation facilities with emphasis on maintenance, materials, and equipment of practical and functional use.

**REC 370 GROUP DYNAMICS 3**  
Reviews the foundations of human behavior within the context of "group dynamics" as related to the fields recreation and leisure education. Laboratory experiences are required. Prerequisites: REC 204 and TREC 204.

**REC 380 MANAGEMENT OF LEISURE SERVICES 3**  
Covers management strategies and procedures of recreation and park areas, facilities, outdoor resources, public relations and leisure service delivery systems for an urban technical society. Prerequisites: REC 204 and REC 370.

**REC 408 RESEARCH/COMPUTER USE IN LEISURE STUDIES AND KINESIOLOGY (NON-TEACHING) 3**  
Emphasizes principles and procedures of research and evaluation in Leisure Studies and Kinesiology. The computer as a research and evaluation tool is utilized in the course. Prerequisite: REC 301 (Leisure Studies Majors Only).

**REC 410 LEGAL LIABILITY IN RECREATION AND SPORT 3**  
Reviews legal principles, general rules of law and legislative processes impacting planning and administration of leisure services, sport agencies and related organizations. A general orientation of legal concepts in tort liability, contracts, human rights, property and risk management is also provided.

**REC 414 ORGANIZATION AND ADMINISTRATION OF RECREATION AND SPORT 3**  
Covers the administration of recreation, leisure and sport management programs, activities and events. Study also includes the concept of the organization, personnel management, legal and financial responsibilities, the budgeting process, public relations and operating policies. Prerequisite: REC 301.

**REC 416 INTERNSHIP IN LEISURE STUDIES AND KINESIOLOGY (NON-TEACHING) 12**  
Includes supervised fieldbase experiences under the auspices of an administrator at an approved agency or organization providing general recreation, therapeutic recreation, leisure education, sport management or related subject field services. To be certifiable, the administrator must be a certified leisure professional, certified therapeutic recreation specialist or an equivalent card-carrying professional based on the discipline. REC 415-Seminar in Recreation must be taken with this course. Consult the supervisor of internship. Prerequisite: Completion of all coursework.

**REC 489 SPECIAL TOPICS 1-4**  
Features the format of a regular class or workshop covering current issues and trends in recreation, leisure, sport, physical education, health, dance and related disciplines. Credit hours are offered on a variable basis.

**REC 498 SENIOR COMPREHENSIVE 0**  
Consists of a diagnostic leisure studies comprehensive senior examination. Enrollment in this course must be during the semester prior to enrollment in REC 416-Internship in Recreation.

**TREC 204 INTRODUCTION TO THERAPEUTIC RECREATION 3**  
Reviews the history and philosophy of therapeutic recreation, including the study of its principles, practices and procedures, ethics and professional issues applicable for special populations in diverse settings.

**TREC 402 OPERATIONS AND PROCEDURES OF THERAPEUTIC RECREATION IN A REHABILITATION SETTING 3**  
Covers techniques and processes in therapeutic recreation and leisure treatment. Elements of programming on assessment, activity analysis, treatment and diagnostic protocols, documentation, program and client evaluation, ethics and professional issues are emphasized. Prerequisites: TREC 204 and REC 301.

**TREC 403 MEDICAL ASPECTS 3**  
Reviews the etiology of various illnesses and disabling conditions to include charting procedures and basic terminology used in health care settings. The course covers information utilized in clinical settings, agency accreditation procedures, planning outcomes, managed care and continuous quality improvement. Prerequisites: TREC 204 and REC 301.

**TREC 410 INTERVENTION STRATEGIES AND LEISURE EDUCATION 3**  
Entails a review of various interventions, strategies and counseling techniques related to Therapeutic Recreation and leisure goals and objectives. Covered are various projects, assignments, and activities, interventions strategies and facilitation techniques. Prerequisites: TREC 204 and REC 301.

## MANAGEMENT

**MAN 301 MANAGEMENT PRINCIPLES AND POLICIES 3**  
Studies the nature and fundamental principles and policies of business management, including organization, operations, external relationships, and total quality management (TQM). Prerequisite: GB 150.

**MAN 302 MANAGEMENT OF INTERNET-BASED ORGANIZATIONS 3**  
Explores the characteristics of firms that adopt the virtual-world/internet format. Attention is paid to the unique challenges faced by entrepreneurs and managers of cyber space-based firms in the areas of planning, organizing, staffing, directing, and controlling. The course will introduce students to various tools and processes available to managers for coordinating the actions of employees and customers in a market place devoid of direct physical contacts. Prerequisites: MAN 301 and CIS 115.

**MAN 305 ORGANIZATION BEHAVIOR 3**  
Investigates the behavior of people within business organizations; special concentration on the environment within which organizations function, components of the behavioral unit, processes, interactions, and outputs of organizational behavior. Prerequisite: MAN 301.

**MAN 306 ORGANIZATION THEORY AND MANAGEMENT SYSTEMS 3**  
Studies organizations; functions, systems and contingency relationships; analysis of organization structure; formal and informal groups, communication, power and authority relationships; organizational changes; technology, conflict; organization environment; task, social and external relationships. Prerequisite: MAN 301.

**MAN 309 ACQUISITION AND LOGISTICS MANAGEMENT 3**  
Provides an introduction and overview to the field of purchasing and materials management and physical distribution. Topics covered include purchasing, production and inventory control, transportation, warehousing and materials handling, order processing, communications and problems, material requirements

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planning, order point and other issues related to the field. Prerequisites: MAN 301; MATH 131.

**MAN 310 MANAGEMENT OF HUMAN RESOURCES 3**  
Emphasizes management's responsibility for the selection, utilization, and management of human resources since the individual is the key to successful management and operation of business enterprise. Prerequisite: MAN 301.

**MAN 312 OPERATIONS MANAGEMENT 3**  
Emphasizes the planning, organizing, designing, controlling and analyzing of production activities in organizations. Emphasis is on the understanding of the processes and techniques which may be employed to solve the problems facing the production/operations manager. Prerequisites: MAN 301; MATH 131.

**MAN 313 MATERIAL REQUIREMENT PLANNING 3**  
Provides an overview on manual and computer-based Material Requirements Planning Systems and its importance to modern material management. The focus will be on MRP Systems to reduce inventories, set priorities, to initiate orders, purchase requirements and develop master production schedules. Prerequisite: MAN 312.

**MAN 320 COLLECTIVE BARGAINING AND INDUSTRIAL RELATIONS 3**  
Studies the labor movement and its impact upon management thought and practice. Topics include historical evolution, legal implications, collective bargaining, and current trends in labor and management relations. Prerequisite: MAN 310.

**MAN 325 REAL ESTATE MANAGEMENT 3**  
Provides an overview of the problems of managing real property, including analysis of retail markets, development of rent schedules, renting techniques, repairs, maintenance and tenant relations; selection and training of personnel; accounting, and owner relations. Prerequisite: MAN 301.

**MAN 340 COMPENSATION ADMINISTRATION 3**  
Introduces students to the techniques used to determine wage and salary rates and levels. The study will involve job analysis and evaluation, salary survey, incentives, merit and seniority payments, wage and salary controls. Prerequisites: MAN 310; MATH 131.

**MAN 345 INVENTORY MANAGEMENT 3**  
Provides an analysis of inventory concepts and the dynamics of managing inventory in the changing industrial and commercial environment. Specific attention will be given to scheduling, forecasting, sales and inventory requirements, computer applications to inventory control problems, building inventory models, simulation and the relationships of inventory control to Marketing Management and production control. Prerequisites: MAN 312; MATH 131.

**MAN 350 SMALL BUSINESS MANAGEMENT 3**  
Studies problems related to management, organization, nature and operation of small business enterprises. Special emphasis is placed on such managerial problems as personnel, location, marketing, production techniques, finance, accounting, and legal issues. Prerequisite: MAN 301.

**MAN 360 SUPERVISORY MANAGEMENT 3**  
Analyzes the basic managerial principles including a study of human behavior in the organization, the major contributors to management principles and a contrasting view of the classical and neoclassical organization theory. Prerequisite: MAN 310.

**MAN 385 ENTREPRENEURSHIP 3**  
Studies the procedure for starting and operating ones own business including: feasibility study methods for identifying an in-

dustry and product line for exploitation; developing business plans for dealing with such start up problems as financing, type of organization, location, government regulations, personnel selection and training, and management style; and developing strategies for ensuring the company's survival and growth. Prerequisite: MAN 301.

**MAN 400 ORGANIZATIONAL PSYCHOLOGY 3**  
Emphasizes a comprehensive introduction to industrial and organizational psychology. Primary emphasis is placed on research methodology and theories of human relations management in industrial organizational settings. Attention is also focused on the effect of the community on organizations. Prerequisite: MAN 301.

**MAN 402 MANAGEMENT OF SERVICE ORGANIZATIONS 3**  
Provides a study and analysis of operations and management problems of service organizations, including nonprofit and profit entities. Prerequisite: MAN 301.

**MAN 410 INTERNATIONAL BUSINESS (SAME AS ECON 311) 3**  
Provides a variety of approaches to the study of an increasingly globally interdependent business environment. Emphasis is on the applied and case-study aspects of how government and private economic policies are becoming globally interdependent; the cultural environment of international business; international dimensions of trade and financial management; the international dimension of business management; the international dimension of marketing; the international dimension of accounting, and the international dimension of the legal environment of business. Prerequisite: MAN 301.

**MAN 420 STRATEGIC MANAGEMENT 3**  
Focuses on synthesis of the principles of business management with emphasis upon the formation of business decisions and policies. The purpose of this course is to enable the student to draw on analytical tools and factual knowledge from all other courses in analyzing comprehensive business problems. Prerequisites: ACCT 202; CIS 215; FIN 301; MAN 301; MKT 301; seniors only.

**MAN 425 MANAGEMENT INTERNSHIP 3**  
Provides supervised on-the-job managerial experience in business, industry or government institutions to management majors. A minimum of three contact hours during a regular semester week or eight contact hours during summer school week is required on the training site. A student is to be exposed to such managerial functions as planning, organizing, staffing, directing, and controlling during the internship. A student is allowed to take a maximum of three credit hours of Management Internship during their tenure at Grambling State University. The head of the department must certify both the assignment and the sponsoring organization before students can register for the internship. Prerequisites: GB 150; MAN 301.

**MAN 430 INDEPENDENT STUDY 3**  
Provides an opportunity to investigate an area of specialty under the supervision of a designated faculty member. Prerequisites: MAN 301; advisor permission and approval.

### MANUFACTURING ENGINEERING TECHNOLOGY

**MET 210 COOPERATIVE WORK EXPERIENCE 6**  
Offers coordinated work experience in business/industry and students submit a comprehensive written report of the experi-



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ence. Prerequisite: Completed sophomore standing with a major in manufacturing engineering technology or consent of the . MET 210 is offered during the summer session.

**MET 211 COOPERATIVE WORK EXPERIENCE 12**

Offers coordinated work experience in business/industry and students submit a comprehensive written report of the experience. Prerequisite: Completed sophomore standing with a major in manufacturing engineering technology or consent of the department head.

**MET 212 COOPERATIVE WORK EXPERIENCE 12**

Offers coordinated work experience in business/industry and students submit a comprehensive written report of the experience. Prerequisite: Completed sophomore standing with a major in manufacturing engineering technology or consent of the department head

**MET 301 FLUID POWER 2**

Covers basic laws of fluid behavior, fluid properties; principles of hydraulics, pneumatics and basic process control in fluid power area and PLC programming. Prerequisite: PHYS 151. Corequisite: MET 321.

**MET 302 QUALITY CONTROL 2**

Discusses and applies basic principles to process and production control, quality assurance and reliability of products. Prerequisite: STAT 273.

**MET 303 TOOLING SYSTEM 2**

Provides an introduction to tooling system on basic machine tool processing for modern manufacturing systems. A study of tool design for special operations in conventional and computer aided manufacturing systems. Key factors with regard to tool design and selection will be discussed. Prerequisites: ETC 202 & 222.

**MET 304 COMPUTER AIDED DESIGN I 3**

Offers an introduction to the application of several modern computing techniques and technologies to mechanical engineering design processes. Practical exercises in computer aided design software package. Prerequisites: ETC 301 & Computer Language.

**MET 321 FLUID POWER LABORATORY 1**

Provides laboratory practice in fluid properties, basic law of fluid behavior; principles of hydraulics and pneumatics and fluid power process control. Programming in PLC. Corequisite: MET 301.

**MET 401 COMPUTER AIDED DESIGN II (CONTINUATION OF MET 304) 3**

Provides practice in computer programming using Computer Aided Design software package to solve machine design program. Prerequisites: ETC 306 & MET 304.

**MET 402 INTRODUCTION TO CNC & CAM SYSTEM 3**

Introduces computer numerical control concept and practice in CNC machine control. A study of processes used in computer aided manufacturing. Prerequisite: MET 304. Corequisite: MET 442.

**MET 403 ENGINEERING PRODUCTION ANALYSIS 3**

Introduces industrial plant operations; production planning and control, forecasting, analyzing inventory, production requirements, routing, scheduling. Other topics such as plant layout, material handling, material requirement planning, and linear programming will be studied.

**MET 404 COMPUTER INTEGRATED MANUFACTURING 3**

Studies processes used in automated manufacturing, with an introduction to computer programming and computer controlled machines to include AS/RS, Robotics control and Vision System. Prerequisite: MET 402. Corequisite: MET 424.

**MET 405 ROBOTIC CONTROLS 3**

Introduces robotic control theory and robotics applications. Laboratory practice in robotics programming and operations. Prerequisite: MET 301.

**MET 422 INTRODUCTION CNC & CAM SYSTEM LAB 1**

Provides laboratory in operational practice and demonstrations of CNC machine and CAM system. Corequisite: MET 304.

**MET 424 COMPUTER INTEGRATED MANUFACTURING LAB 1**

Offers laboratory in operational practice and demonstrations of CIM system. Corequisite: MET 404.

**MET 430 MANUFACTURING ENGINEERING TECHNOLOGY WORKSHOP 1-3**

Covers content related to one of the local areas of emphasis in technology.

## MARKETING

**MKT 301 PRINCIPLES OF MARKETING 3**

Introduces various factors in marketing such as channels of distribution, pricing, promotion and environmental forces involved in the flow of goods and services from production to consumption. Prerequisite: GB 150.

**MKT 302 PRINCIPLES OF RETAILING 3**

Is an introductory management-oriented course which considers the basic decision areas in the retailing mix e.g. store location, pricing, advertising, merchandise planning and control, personnel and organization, and expense management. Prerequisite: MKT 301.

**MKT 303 RETAIL STORE MANAGEMENT 3**

Studies how to manage and operate a retail establishment, including the study of buying, selling, inventory and credit control, advertising, pricing, and location analysis by participants in moving goods to ultimate consumers. Prerequisite: MKT 302.

**MKT 306 BUSINESS TO BUSINESS MARKETING 3**

Analyzes market structure, strategic behavior, motives of buyers and sellers, types of industrial products; pricing strategies; distribution channels; and promotion. Prerequisite: MKT 301.

**MKT 307 PHYSICAL DISTRIBUTION MANAGEMENT 3**

Studies market forces which influence physical distribution requirements and capabilities. An investigation and analysis of the logistics of distribution systems for firms engaged in manufacturing and marketing will also be explored. Prerequisite: MKT 301.

**MKT 309 INTRODUCTION TO SELLING 3**

Studies the principles, procedures, and effective selling techniques. The course prepares students interested in a selling career for the next course in the sequence. Prerequisite: MKT 301.

**MKT 310 SALES MANAGEMENT 3**

Studies problems involved in managing a sales force (recruiting, selection, training, compensation, supervision, stimulation), sales planning (forecasting, budgeting, territories), sales analysis and control. This course includes the responsibilities, prepa-

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ration, duties, and qualifications of salespeople and some field work. Prerequisites: MKT 309.

### **MKT 312 CONSUMER BEHAVIOR 3**

Examines the consumer decision-making process with contributions of the behavioral sciences to understanding and predicting consumer behavior in the marketplace. This course includes contribution of research techniques to understanding consumer purchasing and decision-making. Prerequisite: MKT 301.

### **MKT 315 RETAIL MERCHANDISING 3**

Studies activities involved in the buying and selling of merchandise to achieve the basic objectives of satisfying customers and making a profit. Topics to be covered include an analysis of markups, markdowns, inventory control, pricing, foreign buying, etc. Prerequisite: MKT 301.

### **MKT 330 ELECTRONIC MARKETING 3**

Introduces electronic marketing principles and practices. The course explains the foundations of online research and marketing and makes comparisons to traditional marketing processes. It focuses on the substitution of electronic marketing tools for traditional marketing tools and the establishment and promotion of virtual stores. Prerequisites: MKT 301 and CIS 115.

### **MKT 335 DIRECT MARKETING 3**

Introduces the concepts of the development and strategic use of the marketing database. Emphasis is placed on the collection and use of customer data to generate marketing strategies that are sharper, more focused, and more individualized (one-to-one marketing). Discusses the use of the marketing database to assist marketers in developing improved customer relationships within the context of concern for the privacy of customer data. Prerequisites: MKT 301 and CIS 115.

### **MKT 380 MARKETING RESEARCH 3**

Studies modern research methods applied to planning an investigation, questionnaires, sampling, interpretation of results and report preparation. The course includes research techniques for product analysis, motivation research, pricing, sales strategies, and advertising research. Prerequisites: MKT 301; GB 351.

### **MKT 401 PRINCIPLES OF ADVERTISING 3**

Provides an analysis of the principles and practices used in advertising and advertising media in the sale of goods and services. Prerequisite: MKT 301.

### **MKT 402 SERVICES MARKETING 3**

Introduces the concepts of implementing quality service and selecting service strategies for competitive advantage across industries. Analyzes the applicability of services marketing to organizations whose core product is service (such as hotels, hospitals, professional services) and to organizations that depend on service excellence for competitive advantage (such as high-technology manufacturers, automotive and industrial products companies). Prerequisite: MKT 301.

### **MKT 405 MARKETING PROBLEMS 3**

Examines case studies of contemporary problems and issues in marketing from the firm's perspective of adjustment to market changes. Prerequisite: MKT 301.

### **MKT 410 MARKETING MANAGEMENT 3**

Provides an analysis of various marketing functions, duties and responsibilities of the marketing manager, and a study of activities involved in directing the flow of goods from production to the consumer. Emphasis is placed on strategic planning and analytical procedures for marketing decisions. Prerequisites: MKT 309; MKT 312; Seniors only.

### **MKT 420 INTERNATIONAL MARKETING 3**

Studies the strategies and policies of the cultural, economic, social, and competitive influences on international marketing. Prerequisite: MKT 301.

### **MKT 430 INDEPENDENT STUDY 1-3**

Provides an opportunity to investigate an area of specialty under the supervision of a designated faculty member. Prerequisites: Seniors only; MKT 301; advisor's permission and department head's approval.

### **MKT 435 RETAIL SEMINAR/INTERNSHIP 3**

Provides on-campus instruction on retail protocol, proper dress, and work habits for 1-2 weeks. On-the-job experience will be required for a period of 8-10 weeks. Students will report to an on-campus supervisor periodically to determine the relevancy of work assignments. Prerequisites: MKT 301; advisor's permission and department head's approval.

### **MKT 436 SALES SEMINAR/INTERNSHIP 3**

Examines cases relating to sales problems, interviews with experienced sales people, visits to sales job sites, and in-class lectures by salespeople. Students will be required to make at least 3 formal sales presentations demonstrating different levels of sales. Prerequisites: MKT 301; advisor's permission and department head's approval.

## **MASS COMMUNICATION**

### **MC 100 INTRODUCTION TO MASS COMMUNICATION 3**

Studies mass communication systems in the United States and their role in American culture. The course will consist of lectures and readings on history, economics, and functions of American mass communications. This is a foundation course that will help students to choose an area of concentration.

### **MC 210 WRITING FOR RADIO AND TELEVISION 3**

Assists students, through exercises and lectures, in developing a writing style appropriate for the electronic media. Writing exercises may include but not limited to news, features, documentaries, interviews, talk programs, commercials, announcements, teleplays, etc.

### **MC 225 MASS MEDIA WRITING AND EDITING 3**

Reviews the fundamental principles of information-gathering, writing, editing and reporting for the mass media—print and broadcast. The different styles and approaches to writing and copy-editing for the media will be examined with emphasis on practical assignments. Prerequisite: MC 100.

### **MC 240 BROADCAST NEWSWRITING 3**

Examines the skills, techniques, and challenges of writing broadcast news. Style issues are covered extensively. Along with complete coverage of fundamentals, up-to-date examples of news copy and scripts are presented. Students will also be introduced to the structure and functions of the typical radio and television news department. Prerequisite: MC 210.

### **MC 245 COMMUNICATION AND CULTURE 3**

Focuses on a study of concepts of communication and culture and their interrelationships. Emphasis will be on an analysis of influence of culture, which includes language, religion, ethnicity, and value/belief system, on an individual's communication behavior.

### **MC 250 BASIC PHOTOGRAPHY 3**

Focuses primarily on basic techniques with 35 mm camera. Students will use darkroom procedures for developing and printing

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black and white and color photos. Students will have access to the photography studio and the laboratory.

**MC 260 AUDIO PRODUCTION 3**

Provides advanced instruction in audio production and offers challenging lab experiences. The focus is solely on audio production in traditional studio and desktop environments. Although digital and analog systems are covered, the emphasis is on digital technology.

**MC 299 NEWSWRITING AND EDITING 3**

Studies theoretical and intensive practical work in newswriting, editing, and layout. The students will serve on the staff of The Gramblinite, the campus newspaper. Students will receive hands-on experience as editors, reporters, and layout persons as part of the practical work. Prerequisite: MC 225.

**MC 303 COMMUNICATION GRAPHICS 3**

Explores the history and philosophy of visual communication. Students will learn the basics of design in mass media graphics. Principles of typography, design elements, production, and semiotics will be examined.

**MC 308 INTERNSHIP 3**

Provides supervised professional training with a newspaper, broadcast organization, news agency, or a company for a summer or semester. Students will work in a professional setting in the areas of broadcasting, news-editorial, public relations or visual communication. This course is designed to provide the student with an opportunity to apply academic training in practical situations. Prerequisite: MC 260, MC 299, MC 303, MC 330, or MC 333.

**MC 310 SPECIALIZED REPORTING 3**

Studies advanced and specialized reporting methods for the media with emphasis on practice. Students will get practice in investigation, analysis, interpretation, and reporting on topics in specialized areas such as government, business, and industry. They will gain practical experience by working on The Gramblinite and community newspapers. Prerequisite: MC 299.

**MC 315 WRITING AND STYLE FOR MASS MEDIA 3**

Provides opportunities for students to study precise, concise, and effective writing stressing clarity, good grammar, and proper language. Students will get an in-depth approach to master the English language. Grammar and writing skills will be taught through application. Prerequisites: MC 225 and ENG 213.

**MC 320 SPORTS WRITING 3**

Studies coverage of all types of sports events, keeping the game statistics and box scores. Emphasis will be placed on column writing and the duties of the sports desk of the newsroom. Practical experience will be gained by writing for The Gramblinite and community newspapers. Prerequisite: MC 299.

**MC 325 NEWSPAPER PRACTICUM 3**

Provides practical hands-on experience under the guidance of an instructor. Students will gain experience in writing, editing, layout, and design by working on the campus newspaper, The Gramblinite. They will serve as reporters, copyeditors, and layout personnel. Prerequisite: MC 299.

**MC 330 SINGLE CAMERA VIDEO 3**

Studies the techniques and disciplines of single camera video. Electronic news gathering and field production will be examined. Video application, an introduction to the theory and techniques associated with online and offline editing, will be discussed and practiced. This course includes one credit hour of laboratory work. Prerequisite: MC 260.

**MC 331 DIGITAL VIDEO EDITING 3**

Focuses on digital video editing in a desktop environment. The student is familiarized with the essential processes that take place in the editing of any production: capturing, editing, mixing sound, etc. The aesthetics of video production are also covered extensively. Prerequisite: MC 260.

**MC 333 PRINCIPLES OF PUBLIC RELATIONS 3**

Studies the role of public relations in modern society, business, and communication. It will include the study of history and development, public relations law, media relations, and public relations practice. The nature of communication, persuasion, and public opinion will be discussed. Prerequisite: MC 345.

**MC 335 ONLINE WRITING AND DESIGN 3**

Focuses on learning the steps to conceive, create, write and edit copy for the internet. The major emphasis will be on interactive thinking and application of relevant skills for effective online writing and design. Students will learn to plan, design and create a home page and a media site on the World Wide Web (WWW). Prerequisite: MC 225.

**MC 339 ADVERTISING PRINCIPLES 3**

Examines the role of advertising in society. Advertising principles will include research, media and creative operations, basic concepts related to message creation, and agency-client relationships. Ethical responsibilities of advertisers will be studied. Prerequisite: MC 333.

**MC 345 MASS MEDIA AND SOCIETY 3**

Studies media-audience relationship with regard to the role of media in shaping the public agenda. Social, economic, cultural, and political dimensions of mass media will be examined. Students will study the media's role to inform, educate and entertain. Prerequisite: MC 335.

**MC 350 PHOTOJOURNALISM 3**

Studies photographic journalism. Single picture concept, documentation, and layout will be explored. Campus and community media are used for practical work. Prerequisite: MC 250.

**MC 355 FEATURE WRITING 3**

Studies techniques and style of writing for various types of features for newspapers and journals. Feature writing includes a critical study and analysis of published features, and writing exercises. Assignments from this course will be considered for publication in The Gramblinite. Prerequisite: MC 299.

**MC 360 ADVERTISING CREATIVE STRATEGY 3**

Studies planning, creating, and producing of advertising copy and layout for the print medium. Creative aspects of print and broadcast media are studied. Synthesis of copy, art and typography, and design or visual is emphasized. Prerequisite: MC 339.

**MC 365 BROADCAST PROGRAMMING 3**

Exposes students to the organizational set-up of a broadcast program department, the responsibilities and duties of the program director, other key programming personnel, and the relationships between the program department and other units of radio and television stations. Prerequisite: MC 330.

**MC 370 BROADCAST NEWS AND PERFORMANCE 3**

Assists students in developing a writing style appropriate for electronic media, mainly television and radio through exercises, lectures and lab work. Techniques of news gathering, writing, editing and delivery of news will be studied. The emphasis is on the practical work of gathering, preparing and delivering news. The Television Center and the KGRM-FM radio station will serve as laboratories. Prerequisite: MC 240.

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**MC 404 PUBLICATION DESIGN 3**  
Studies creative strategies for design. Layout and pagination for newspapers, magazines, advertisements and specialty publications will be examined. This is an advanced course in theoretical and practical aspects of publications design. Prerequisite: MC 303.

**MC 409 COMMUNICATION RESEARCH METHODS 3**  
Examines communication research methods. Content analysis, readership, audience studies, sample surveys, and public opinion polls will be studied. Students will be exposed to challenging research ideas in communication. Prerequisite: Senior or instructor's permission.

**MC 410 BLACKS AND THE MEDIA 3**  
Examines the role of African-Americans in the media. It will include a study of the history, content, and the African-American perspective in the media, both print and broadcasting. Students will study profiles of African-Americans who have made outstanding contributions to our society. Prerequisite: MC 345.

**MC 415 BROADCAST AUDIENCES & RESEARCH 3**  
Examines various research methods used by professionals in the industry to understand audiences in order to attract them to their programming and more importantly the advertisements in these programs. This course looks at the ways in which broadcast audiences are researched. Prerequisite: MC 365.

**MC 433 PUBLIC RELATIONS WRITING/CASES 3**  
Studies planning and writing of public relations materials such as news releases, newsletters, etc. This course will examine readings and analyses of public relations cases. It will highlight procedures and techniques in government, corporations, non-profit organizations, and international public relations. Prerequisite: MC 333.

**MC 445 TELEVISION PRODUCTION 3**  
Studies the theoretical application and practical use of television control room and studio with emphasis on set/stage design, lighting, camera operation, graphics, and videotaping. Various formats used for directing full facility projects with emphasis on switcher operation with special electronic and digital effects will also be studied. The Television Center will be used as a laboratory. This course includes one credit hour of laboratory work. Prerequisite: MC 330.

**MC 450 COMMERCIAL PHOTOGRAPHY 3**  
Studies photography illustrations for the advertising industry, magazines, and businesses. Products and live models are used as subject matter. Emphasis will be placed on hands-on experience in the photojournalism laboratory. Prerequisite: MC 350.

**MC 454 DESKTOP PUBLISHING 3**  
Examines the theory and practical applications in publishing newsletters, in-house publications, etc. Students will work on design and layout procedures used in mass media. Emphasis will be on computer-based design and layout with the use of Macintosh computers. Prerequisite: MC 303.

**MC 455 EDITORIAL WRITING 3**  
Studies research for writing editorials, news commentaries, columns, and opinion articles for newspapers and magazines. This course will include critiquing of published editorials and articles. Class projects will include writing for The Gramblinite and community newspapers. Prerequisite: MC 355.

**MC 460 PUBLIC RELATIONS CAMPAIGNS 3**  
Examines conceptualizing, planning, and managing of corporate and non-profit public relations campaigns. Problem-oriented case study approaches will be used to conceptualize and plan

campaigns. The class will work on individual and group projects on developing campaigns. Prerequisite: MC 433

**MC 464 INFORMATION GRAPHICS 3**  
Studies design and construction of quantitative and abstract information such as charts, graphs, and pictorial symbols in mass media. Emphasis will be placed on practical work. The graphics laboratory with Macintosh computers will be used for this class. Prerequisite: MC 454.

**MC 465 COMMUNICATION LAW AND ETHICS 3**  
Examines legal and ethical responsibilities of the journalist and the media. Constitutional and statutory guarantees for the protection of press freedom and federal regulations effecting the media will be studied. It also involves study of professional codes of conduct and ethical values applicable to media practitioners. Prerequisite: MC 345.

**MC 470 BROADCAST MANAGEMENT 3**  
Reviews the operational structures, procedures and pitfalls in the operation and management of electronic media businesses, including radio, television and cable. It provides students with specialized knowledge to perform the roles and responsibilities of broadcast management positions. Prerequisite: MC 365.

**MC 471 SENIOR PROJECT 3**  
Engages the student in one or perhaps several of the following types of activities: production, writing, editing, announcing, general field and studio production, reporting, etc. A committee of three broadcast faculty members will approve, oversee, and evaluate a substantive student project: a documentary, a series of image or promotional spots, and audience research project, etc. Prerequisite: MC 445.

**MC 495 BROADCAST PRACTICUM 3**  
Tailors to special interests of the student and the needs of the practicum site. The work of each student enrolled in the course is, therefore, unique. The course will engage the student in one or several of the following types of activities: producing, writing, editing, announcing, presenting general field and studio production, reporting, etc.

## MATHEMATICS

**MATH 097 BASIC MATHEMATICS I 3**  
Studies fractions, integers, linear equations, polynomials, and factoring. Problem solving is included in all topical areas. Prerequisite None. Placement by ACT mathematics scores of 0-12 or by placement test.

**MATH 098 BASIC MATHEMATICS II 3**  
Reviews factoring, rational expressions, graphing, radical expressions, systems of equations and quadratic equations. Problem solving is included in all topical areas. Prerequisite: A grade of "C" or better in MATH 097 or a score of 13 to 15 on the ACT mathematics section or by placement test.

**MATH 131 COLLEGE ALGEBRA 3**  
Reviews fundamentals of algebra, linear and fractional equations and inequalities, quadratic equations, functions, relations and graphs, coordinate geometry, systems of equations and inequalities, matrices, determinants, exponential and logarithmic functions, complex numbers, theory of polynomial equations, sequences, series, Mathematical induction, the Binomial theorem, Elementary probability and statistics, Sets and logic. Prerequisite: A score of 380 or above on SAT (Math), or MATH 098, or a score of 16 or above on ACT (Math Comp.).

**MATH 132 TRIGONOMETRY 3**  
Studies plane trigonometry, applications of mathematics, func-

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tions and their graphs, rectangular and polar coordinates, graphing techniques, transformations, trigonometric functions and their graphs and inverse, applications of trigonometry, complex numbers, symmetry, vectors. Prerequisite: MATH 131.

**MATH 137 ELEMENTARY GEOMETRY 3**  
Focuses on elements of plane geometry and analytic geometry, including ruler compass constructions, line and angle relationships, parallel lines, properties of triangles and quadrilaterals, circles, areas of polygons and circles, solid geometry, and analytic geometry. Prerequisite: A grade of C or better in Math 131.

**MATH 142 PLANE ANALYTIC GEOMETRY 3**  
Focuses on properties and graphs of: straight lines, circle, parabola, ellipse, and hyperbola. Transformation from Polar to Cartesian coordinate system and vice versa. Prerequisite: A grade of C or better in Math 132.

**MATH 147 PRECALCULUS I 3**  
Studies properties of real and complex numbers; algebraic expressions; equations and inequalities; functions and graphs; polynomials and rational functions; theory of polynomials; inverse functions; exponential functions; logarithmic functions; hyperbolic functions; systems of linear equations and inequalities; matrices and determinants; sequences; series; mathematical induction; coordinates and curves. Prerequisite: A score of 17 or above on ACT (Math), or a score of 420 or above on SAT, or a grade of C or above in Math 098.

**MATH 148 PRECALCULUS II 3**  
Examines partial fractions; analytic geometry; right triangle trigonometry; trigonometric functions; trigonometric identities and equations; applications of trigonometry; polar coordinates; complex numbers and vectors. Prerequisite: A grade of C or better in MATH 147 or a score of 20 or above on ACT (Math).

**MATH 153 CALCULUS I 3**  
Reviews inequalities; absolute value; straight lines; conic sections and their graphs; study of functions; limits and continuity of functions; Introduction of derivative; techniques of differentiation; chain rule; implicit differentiation; differentiation of transcendental and inverse functions; applications of differentiation: concavity; relative extrema; maximum and minimum values of a function; applied maximum and minimum problems. Prerequisite: A grade of C or better in MATH 148 or a score of 22 or above on ACT (Math).

**MATH 154 CALCULUS II 3**  
Reviews techniques of differentiation; the indefinite integral; sigma notation; the definite integral and the fundamental theorem of integral calculus; applications of definite integral: the area between two curves; volumes by disks, washers, and cylindrical shells; Length of plane curve; other applications; integration by the method of substitution; integration of trigonometric, transcendental, and inverse functions, integration by parts; reduction formula; integration by partial fractions. Prerequisite: A grade of C or better in MATH 153.

**MATH 201 CALCULUS III 3**  
Reviews the techniques of integration; indeterminate forms and improper integrals; infinite sequence and series; convergence tests; power series; Taylor and Maclaurin series; polar coordinates and parametric Equations; functions of multi-variables; limits and continuity of multi-variables; partial derivatives; differentiability and chain rules for functions of two variables; multiple integrals in polar and Cartesian Coordinates. Prerequisite: A grade of C or better in MATH 154.

**MATH 305 DEDUCTIVE MATHEMATICS 3**  
Studies various kinds of proofs; mathematical induction; logical

inference; the method of exhaustion; the exclusion principle and mathematical structure. Thus this course will include surveys of: foundation of mathematics-logic, the axiomatic method (Some properties of axiom system and axiomatic approach to mathematics); sets, relations and functions; a glimpse of real numbers, integers and number theory, rational and complex numbers; algebraic structures-groups, rings, integral domain, and fields; mathematics of uncertainty- chance, counting processes, weighted outcomes, generalization and prediction; the kinds of infinity, brief history of mathematics. Prerequisite: A grade of C or better in MATH 154 or consent of department head.

**MATH 307 INTRODUCTION TO MODERN GEOMETRY 3**  
Provides foundations of geometry. The course covers systematic survey and topics in Euclidean, hyperbolic, transformation, projective, and three-dimensional geometries that are consistent with the recommendations of the National Council of Teachers of Mathematics (NCTM). The course also covers historical development in Geometry that includes the contributions of diverse cultures and underrepresented groups. The prerequisite is a grade of C or better in MATH 201.

**MATH 309 INTRODUCTION TO LINEAR ALGEBRA 3**  
Analyzes systems of linear equations and their solutions; algebra and geometry of finite dimensional vector spaces; linear transformations and their corresponding matrix relative to some basis; determinants; the algebra of matrices; Some concepts of eigenvalues, eigenvectors, and quadratic forms. Prerequisite: A grade of C or better in MATH 154.

**MATH 313 MODERN MATHEMATICS FOR ELEMENTARY TEACHERS 3**  
Studies algebraic structure of the number system; algebra of sets and logic; systems numerations; systems of rational, real and complex numbers; relations and functions; modular systems; probability and statistics; introductory algebra; and intuitive geometry. Prerequisite: A grade of C or better in MATH 131.

**MATH 315 MATHEMATICS FOR MIDDLE SCHOOL TEACHERS I 3**  
Focuses on problem solving as a method of inquiry and applications from within and outside of mathematics. Communications of mathematical ideas in written and oral forms using language and symbolism of mathematics are utilized. Hands on activities with manipulatives are the major mode of instruction. Calculators and computers are used in the problem solving process. Topics included are: number systems through rational numbers; informal geometry (mensuration, graphing, geometrical constructions, similarity and congruence); methods of teaching mathematics at the middle school level. Prerequisite: A grade of C or better in MATH 132.

**MATH 316 MATHEMATICS FOR MIDDLE SCHOOL TEACHERS II 3**  
Focuses on problem solving as a method of inquiry and applications from within and outside of mathematics. Communications of mathematical ideas in written and oral forms using language and symbolism of mathematics are utilized. Hands on activities with manipulatives are the major mode of instruction. Calculators and computers are used in the problem solving process. Topics included are: real numbers system, elementary probability and statistics, coordinate geometry, number theory and methods of teaching mathematics at the middle school level. Prerequisite: A grade of C or better in MATH315.

**MATH 320 SELECTED TOPICS IN MATHEMATICS I 3**  
Provides an in-depth exploration of topics drawn from students' experiences based on their interest. Topics may be derived from number of broad mathematics areas such as algebra, trigonom-

## UNDERGRADUATE COURSES OF INSTRUCTION

etry, calculus, and applied mathematics. Prerequisite: A grade of C or better in MATH 201 or consent of the department head.

**MATH 321 INTRODUCTION TO MODERN ALGEBRA I 3**  
Examines-properties of integers, modular arithmetic, sets and relations, functions (mappings), mathematical induction and mathematics and proofs, complex and matrix algebra, and Introduction to algebraic structures. Group-finite and subgroups, cyclic groups, and permutation groups; isomorphisms, Cayley's Theorem and Automorphisms; Cosets and Lagrange's theorem; external direct products; Abelian groups. Prerequisite: A grade of C or better in MATH 153 or consent of the department head.

**MATH 323 INTRODUCTION TO MODERN ALGEBRA II 3**  
Introduces rings and fields - integral domains, Fermat's and Euler's Theorem, the field of quotients of an integral domain, polynomial rings, factorization of polynomials over a field; homomorphisms and factor rings; extension fields- vector spaces, algebraic extensions, geometric constructions, finite fields, additional algebraic structures. Prerequisite: A grade of C or better in MATH 321 or consent of the department head.

**MATH 335 OPERATIONS RESEARCH 3**  
Surveys linear programming; dynamic programming; transportation and network theory (PERT, traveling salesman and the shortest route problem), assignment problem; equipment replacement; scheduling problems; inventory control; decision theory; queuing theory; game theory and simulation; emphasis on methodology. Prerequisites: A grade of C or better in MATH 309 and STAT 274.

**MATH 350 MATHEMATICS METHODS FOR SECONDARY EDUCATION TEACHERS 3**  
Teaches mathematics methods and modeling for secondary education teachers (7-12 teaching grades). The course incorporates multiple strategies, compatible to National and State standards, to provide a broad exposure to teaching and learning mathematics. The course includes content specific methods. Learning activities involve discussions, demonstrations, presentations, hands on activities, alternative methods of learning and doing mathematics, modeling of real world problems, use of technology, and cooperative learning. The course emphasizes problem solving, reasoning, applications, and communications (graphical, symbolical, numerical, and verbal format). Prerequisite: A minimum grade of C in MATH 309 and CS 210.

**MATH 371 CO-OP EXPERIENCE I 6**  
Enhances competencies in one or more disciplines of applied mathematics and/or computer science through Cooperative Education Program with industry and government agencies. Its goal is to offer students opportunities to apply their knowledge in solving real-world problems. Students are also exposed to the corporate culture and develop soft skills in addition to technical skills. Industry teams, through an in-depth interview, recruit students. Prerequisite: Consent of the department head.

**MATH 372 CO-OP EXPERIENCE II 6**  
Enhances competencies in one or more disciplines of applied mathematics and/or computer science through Cooperative Education Program with industry and government agencies. Its goal is to offer students opportunities to apply their knowledge in solving real-world problems. Students are also exposed to the corporate culture and develop soft skills in addition to technical skills. Industry teams, through an in-depth interview, recruit students. Prerequisite: Consent of the department head.

**MATH 400 REAL ANALYSIS I 3**  
Studies sets and functions; the rational numbers; the real number system; least upper bound; greatest lower bound; absolute value; Euclidean space; metric space; sequences and conver-

gence in  $\mathbb{R}$ ; limits of functions; continuity; uniform convergence; space of continuous functions; compactness; fixed point theorem; differentiability; inverse and implicit function theorems; the Riemann-Stieljes integral; Infinite series; Elementary functions. Prerequisite: A grade of C or better in MATH 201.

**MATH 401 REAL ANALYSIS II 3**  
Reviews convergence theorems; Lebesgue integral and Fubini's theorem; elements of normed linear spaces and isomorphism; Banach and Hilbert spaces; and Fourier analysis. Prerequisite: A grade of C or better in MATH 400.

**MATH 403 DIFFERENTIAL EQUATIONS 3**  
Examines types and origin of differential equations; techniques of solving first order differential equations; orthogonal trajectories in Cartesian and Polar Coordinates; applications of first-order linear and non-linear differential equations; systems of linear and non-linear equation; techniques of solving higher order linear differential equations (both homogeneous and non-homogeneous); Cauchy-Euler Equation. Prerequisite: A grade of C or better in MATH 154.

**MATH 404 FUNDAMENTAL CONCEPTS OF MATHEMATICS 3**  
Explores the axiomatic method; theory of sets; the linear continuum; groups; early developments; Frege-Russell Thesis; institutionalism; and formalism. Prerequisite: A grade of C or better in MATH 323.

**MATH 405 HISTORY OF MATHEMATICS 3**  
Reviews development of concepts, symbols and operations in arithmetic, algebra, and geometry. Also topics on the significance of history in the teaching and learning of mathematics. Prerequisite: A grade of C or better in MATH 201.

**MATH 406 INTRODUCTION TO COMPLEX ANALYSIS 3**  
Studies the treatment of analytic function; Cauchy's integral theorem and integral formulae; power series; singularities; residues; and contour integrals. Prerequisite: A grade of C or better in MATH 201.

**MATH 407 VECTOR ANALYSIS 3**  
Reviews basic vector operations; vector differentiation and integration with applications to selected topics in geometry and physics. Prerequisite: A grade of C or better in MATH 201.

**MATH 409 RESEARCH IN MATHEMATICS 3**  
Provides opportunity for students to pursue independent work. Purpose is to provide the depth in a chosen area of interest to the student. Prerequisite: A grade of C or better in Math 201 and consent of .

**MATH 410 MODERN MATH FOR SECONDARY SCHOOL TEACHERS 3**  
Is designed for basically in-service teachers. Topics discussed are taken from three main areas: arithmetic, algebra, and geometry. Prerequisite: A grade of C or better in MATH 316 or consent of the department head.

**MATH 418 INTRODUCTION TO THEORY OF NUMBERS 3**  
Examines divisibility of integers; congruence; quadratic residues; distribution of primes; continued fraction; and theory of ideals. Prerequisite: A grade of C or better in MATH 153 or consent of the department head.

**MATH 420 SELECTED TOPICS IN MATHEMATICS II 2**  
Studies multiple integration in dimension; Jacobian and change of variables in multiple integrals; Improper special functions

# UNDERGRADUATE COURSES OF INSTRUCTION

(Beta, Gamma), Stirling's formula; Lagrange's multipliers; generating function and Laplace transforms; difference equations; introduction to partial differential equations. Prerequisites: A grade of C or better in MATH 201 and MATH 403.

**MATH 421 NUMERICAL METHODS I 3**  
Reviews roots of polynomials and transcendental equations; theory of polynomial equations; roots of polynomials using synthetic division and deflating polynomials; computations of functions using Taylor series; Interpolation and curve fitting; Numerical differentiation and integration; Introduction to solving set of equations; matrix notation; Gauss and Gauss-Jordan methods. Prerequisites: A grade of C or better in MATH 201 and knowledge of a programming language.

**MATH 430 INTRODUCTION TO TOPOLOGY 3**  
Reviews introductory concepts; metric spaces; continuity and separation axioms; topological spaces; bases and neighborhoods; continuous mapping and homomorphism; product spaces; Hausdorff spaces; compactness; and connectedness with applications to analysis. Prerequisite: A grade of C or better in MATH 201.

**MATH 440 PROJECTIVE GEOMETRY 3**  
Reviews extended planes; principles of duality; harmonic sets; Cross ratio; invariance under projective transformations; projective theory of point and line; conics by synthetic methods. Prerequisite: A grade of C or better in MATH 307.

**MATH 446 NUMERICAL METHODS II 3**  
Introduces scientific computing; Techniques to solve ordinary differential equations (ODE); initial and boundary value problems; Modified Euler's method; Runge-Kutta techniques; Predictor-Corrector techniques to the solution of ODE; Error distribution methods. Prerequisites: A grade of C or better in MATH 421 and knowledge of a programming language.

**MATH 471 CO-OP EXPERIENCE III 6**  
Enhances competencies in one or more disciplines of applied mathematics and/or computer science through Cooperative Education Program with industry and government agencies. Its goal is to offer students opportunities to apply their knowledge in solving real-world problems. Students are also exposed to the corporate culture and develop soft skills in addition to technical skills. Industry teams, through an in-depth interview, recruit students. Prerequisite: Consent of department head.

**MATH 472 CO-OP EXPERIENCE IV 6**  
Enhances competencies in one or more disciplines of applied mathematics and/or computer science through Cooperative Education Program with industry and government agencies. Its goal is to offer students opportunities to apply their knowledge in solving real-world problems. Students are also exposed to the corporate culture and develop soft skills in addition to technical skills. Industry teams, through an in-depth interview, recruit students. Prerequisite: Consent of department head.

## MILITARY SCIENCE

**MS 101 INTRODUCTION TO LEADERSHIP 1**  
Introduces the United States Army, including the Army heritage, mission, organization, branches, first aid, rappelling, map reading and land navigation.

**MS 101L INTRODUCTION TO LEADERSHIP LAB 1**  
Provides re-enforcement of MS 101 lecture through practical exercise. Includes drill and ceremony, time management, first aid, rappelling, physical fitness and survival skills.

**MS 102 INTRODUCTION TO LEADERSHIP 1**  
Covers leadership principals and application. Focuses on Army fundamentals of leadership, military customs, land navigation, basic rifle marksmanship, first aid, and survival skills.

**MS 102L INTRODUCTION TO LEADERSHIP LAB 1**  
Provides re-enforcement of MS 102 lecture through practical exercise: Includes drill and ceremony, land navigation, basic rifle marksmanship time management, organization, first aid, rappelling, physical fitness and survival skills.

**MS 201 APPLIED LEADERSHIP 2**  
Examines the development of leadership dimensions and the study of land navigation, first aid, military history and small unit tactics. Two hour lecture and one hour leadership laboratory.

**MS 201L LEADERSHIP LAB 1**  
Provides a laboratory course to accompany MS 201. A practical laboratory of applied leadership activities include drill and ceremony, land navigation, rappelling, rifle marksmanship, tactics, first aid, water survival, physical conditioning, and communications.

**MS 202 LEADERSHIP DEVELOPMENT 2**  
Examines the application of leadership dimensions and the study of land navigation, first aid, military history and small unit tactics. Two hour lecture and one hour leadership laboratory.

**MS 202L LEADERSHIP LAB 1**  
Provides a laboratory course to accompany MS 202. A practical laboratory of applied leadership activities include drill and ceremony, land navigation, rappelling, rifle marksmanship, tactics, first aid, water survival, physical conditioning, and communications.

**MS 203 ROTC BASIC CAMP 6**  
Offers basic camp during the summer only, six weeks at Fort Knox, Kentucky. Provides the student with education and training covered in MS 101, 102, 201, 202. Qualifies student for enrollment in MS 301. Non-obligatory. Requires PMS approval. Paid for by ROTC. Student must have a minimum of 54 credit hours.

**MS 204 DIRECTED STUDY-AIRBORNE 3**

**MS 301 LEADERSHIP TACTICS 3**  
Studies military principles, small unit tactics, tactical communications and physical training. Includes participation in three day field exercises. Oral and written presentation techniques, staff ride, drill and ceremony. Requires PMS approval.

**MS 301L LEADERSHIP LAB 2**  
Offers laboratory course to accompany MS 301. A practical laboratory of applied leadership activities include drill and ceremony, land navigation, rappelling, rifle marksmanship, tactics, first aid, water survival, physical conditioning, and communications.

**MS 302 LEADERSHIP AND MANAGEMENT 3**  
Studies military leadership small, unit tactics, tactical communications, small unit organizations, land navigation, basic rifle marksmanship physical training and branches of the Army. Three day field training exercises. Three hour lecture and two hour leadership laboratory. Requires PMS approval.

**MS 302L LEADERSHIP LAB 2**  
Offers a laboratory course to accompany MS 302. A practical laboratory of applied leadership activities include drill and ceremony, land navigation, rappelling, rifle marksmanship, tactics, first aid, water survival, physical conditioning, and communications.

# UNDERGRADUATE COURSES OF INSTRUCTION

<b>MS 303</b>	<b>ROTC ADVANCED CAMP</b>	<b>3</b>
Offers camp during the summer only. Five weeks of intensified instruction and practical exercise in small unit tactics, the opportunity to develop and demonstrate military leadership, land navigation, tactical operations, planning and weapons conducted at Fort Lewis, Washington. Must be completed before commissioning. Requires PMS approval. Prerequisites: 301 and 302.		
<b>MS 304</b>	<b>CADET TROOP LEADERSHIP TRAINING (CTLT)</b>	<b>3</b>
Offers training during the summer only. Three weeks of officer training at a military installation. Provides the student with actual experience at leading troops in tactical and garrison situations. Requires PMS approval.		
<b>MS 305</b>	<b>DIRECTED STUDY-AIRBORNE ASSAULT SCHOOL</b>	<b>3</b>
<b>MS 401</b>	<b>ADVANCED LEADERSHIP AND MANAGEMENT</b>	<b>3</b>
Explores administration, army officer career management military law, intelligence, customs and courtesies, applied management training, military professionalism development, oral and written presentation techniques, counseling and military ethics. Students are assigned military leadership positions, concentrating on organization and planning.		
<b>MS 401L</b>	<b>LEADERSHIP LAB</b>	<b>2</b>
Provides a laboratory course to accompany MS 401. A practical laboratory of applied leadership that is planned and executed by MS IV student. Activities include drill and ceremony, land navigation, rappelling, rifle marksmanship, tactics, first aid, water survival, physical conditioning, and communications.		
<b>MS 402</b>	<b>OFFICERSHIP</b>	<b>3</b>
Explores administration, army officer career management military law, intelligence, customs and courtesies, applied management training and military professionalism development planning and execution of a military ball. Military regulations, family planning, and social customs.		
<b>MS 402L</b>	<b>LEADERSHIP LAB</b>	<b>2</b>
Offers a laboratory course to accompany MS 402. A practical laboratory of applied leadership that is planned and executed by MS IV student. Activities include drill and ceremony, land navigation, rappelling, rifle marksmanship, tactics, first aid, water survival, physical conditioning, and communications.		
<b>MS 403</b>	<b>DIRECTED STUDY</b>	<b>3</b>
Provides directed study that gives the student the opportunity to enhance their military training through specialty schools — Maximum 3 Sem. Students may choose one of the following: Northern Warfare Training Center, Summer operations in Northern Areas, or Junior Teacher Orientation. Prerequisites: Must have completed MS 201, 202 and in the advanced military science program PMS approval.		

## MUSIC

<b>MUS 100</b>	<b>APPLIED INSTRUMENT OR VOICE FOR BEGINNERS</b>	<b>1</b>
Offers a preparatory course for freshmen with deficiencies in applied music. The course must be repeated until deficiencies are remedied before proceeding to MUS 111. Lessons will be 30 to 60 minutes per week, depending on results of the initial audition.		
<b>MUS 101</b>	<b>BASIC MUSIC</b>	<b>2</b>
Provides students with a foundation in the rudiments of music		

theory. It is required for those majors who do not pass the Theory Placement Examination, but is also open to non-music majors. It is a preparatory course for MUS 115 and 125.

<b>MUS 103</b>	<b>VOICE CLASS</b>	<b>2</b>
Teaches basic vocal techniques involving quality, diction, range flexibility and agility, breathing, stage deportment and interpretation, primarily for non-voice majors. Elementary vocalises and literature are assigned for development and application of techniques. Non-music majors may be admitted with permission of the instructor.		
<b>MUS 104</b>	<b>VOICE CLASS</b>	<b>2</b>
Offers a continuation of MUS 103 with experiences in more advanced techniques and materials. Assignments are made in progressive fashion from intermediate to difficult. Prerequisite: MUS 103.		
<b>MUS 105</b>	<b>PIANO CLASS</b>	<b>2</b>
Offers a beginning piano course for all non-piano music majors. The course is the first of a sequence leading to fulfillment of the piano proficiency requirements. Basic piano skills; playing in five finger patterns, extended hand positions, shifting of hand position, sight-reading, and harmonizing are taught.		
<b>MUS 106</b>	<b>PIANO CLASS</b>	<b>2</b>
Is a continuation of MUS 105. Emphasis is on the skills introduced in MUS 105, but on a more advanced level. Prerequisite: MUS 105.		
<b>MUS 107</b>	<b>WOODWIND METHODS CLASS</b>	<b>3</b>
Offers a required course for all Instrumental music education majors. Students receive instruction in accepted methods of tone production and embouchure building. Included is the discussion of common problems encountered by the beginning student.		
<b>MUS 109</b>	<b>PERCUSSION METHODS CLASS</b>	<b>2</b>
Concentrates on methods and materials of instruction for prospective band directors. Students are taught the rudiments of playing melodic and non-melodic percussion instruments in the process. The course is required for all instrumental music education majors.		
<b>MUS 111/112</b>	<b>MAJOR APPLIED INSTRUMENT OR VOICE</b>	<b>2</b>
Provides an opportunity for students to select a major area of applied music and receives individual instruction of one hour lesson per week. In addition, weekly attendance at Recital Seminar is required. Prerequisite: Successful audition or completion of MUS 100 with the grade of "C" or better. See Bachelor of Science curriculum; Bachelor of Arts curriculum.		
<b>MUS 115</b>	<b>HARMONY I</b>	<b>3</b>
Begins the study of Tonal Harmony in the "Common Practice" period of the eighteenth century. The musical materials involved are keys, intervals, triads, and chords that are fundamental and characteristic of this style period. Rules of harmonic progression are studied thoroughly in preparation for the ensuing courses, Harmony II through IV. This course is to be taken concurrently with MUS 125. Prerequisite: Passing score on Theory Placement Exam or a minimum grade of "C" in MUS 101.		
<b>MUS 116</b>	<b>HARMONY II</b>	<b>3</b>
Offers a continuation of Harmony I; this course offers additional training in the harmonic practices of the "Common Practice" period. It includes the study of embellishments, cadence functions, harmonic rhythm, and an introduction to dominant seventh chords. The course should be taken concurrently with MUS 126. Prerequisite: MUS 115.		



## UNDERGRADUATE COURSES OF INSTRUCTION

<p><b>MUS 117 STRING METHODS CLASS 2</b> Teaches methods, practices, and materials of upper and lower string pedagogy to the prospective teacher. In addition, the rudiments of playing string instruments is emphasized. This course is for music majors only.</p> <p><b>MUS 119 VOCAL METHODS CLASS I 1</b> Emphasizes the physical, mental, and acoustical aspects of singing in the preparation of voice teachers. Techniques of instruction in voice production and interpretation of scores is taught. This course is for voice majors only.</p> <p><b>MUS 120 VOCAL METHODS CLASS II 1</b> Is a continuation of MUS 119; this course is a comprehensive survey of the styles and performance practices in vocal literature from the Baroque to the 20th century. Students are assigned selections from the various periods according to voice classification. Prerequisite: MUS 119.</p> <p><b>MUS 121 CHOIR 0-1</b> Requires participation in the choir for all vocal music education majors (7 semesters) and vocal/piano music performance majors (8 semesters). The focus is on the preparation and performance of choral literature, while providing a laboratory setting for prospective choral directors. Non-music majors are admitted by audition.</p> <p><b>MUS 123 PIANO CLASS 1</b> Consists of group instruction in piano, designed for non-music majors. Skills emphasized in the course include developing elementary reading and playing. Simple repertoire pieces are taught to reinforce these skills. This class is not open to music majors.</p> <p><b>MUS 124 PIANO CLASS 1</b> Is a continuation of MUS 123, for non-music majors. The skills previously taught are emphasized on a more advanced level. Prerequisite: MUS 123 or permission of the instructor.</p> <p><b>MUS 125 EAR TRAINING AND SIGHTSINGING I 1</b> Is a practical course for the development of skills in melodic, harmonic, and rhythmic reading, as well as aural perception. It is to be taken concurrently with MUS 115. Prerequisite: MUS 101 or passing score on the Theory Placement Exam.</p> <p><b>MUS 126 EAR TRAINING AND SIGHTSEEING II 1</b> Offers a continuation of MUS 125. The course expands on the skills developed in MUS 125 and should be taken concurrently with MUS 116. Prerequisite: MUS 125.</p> <p><b>MUS 127 BRASSWIND METHODS CLASS 3</b> Offers beginning instruction in methods of tone production and embouchure building for brass instruments. Included is the discussion of common mechanical problems that are encountered. There is a brief survey of the histories of the various brass instruments. This course is required for all instrumental music education majors.</p> <p><b>MUS 129 BASIC REPAIR SHOP ORIENTATION 3</b> Introduces students to standard equipment and materials necessary for maintenance and repair of band and orchestral instruments. In addition, it is a survey of the properties and functions of various woods, metals, fibers, and synthetics in instrument construction. The student is taught elementary methods of replacing certain parts of instruments.</p> <p><b>MUS 131 STRING ENSEMBLE 0-1</b> Focuses on the preparation and performance of literature for the string ensembles larger than the string quartet. Selections are progressive from very easy to difficult. Admission is by permission of the instructor.</p>	<p><b>MUS 135 BASIC RECORDING &amp; SOUND LECTURE 2</b> Consists of lectures on recording equipment, audio systems, their operation and maintenance. The fundamental theory of sound recording and reinforcement is surveyed in preparation for studio experiences. This course is to be taken concurrently with MUS 145. It is open to non-music majors.</p> <p><b>MUS 137 BASIC WOODWIND REPAIR I 1</b> Concentrates on pad installation and regulation. In addition, remedies for common instrument failures are taught. General trouble-shooting for all woodwind instruments is the focus.</p> <p><b>MUS 138 WOODWIND REPAIR II (LAB) 1</b> Is a continuation of MUS 137; this course takes a hands-on approach to correcting operational problems. The student is taught the complete overhauling of woodwind instruments. Prerequisite: MUS 137.</p> <p><b>MUS 139 SOLDERING: SOFT AND SILVER 1</b> Provides instruction on common types of soldering for valve instrument tubing and braces. The student also receives instruction in the repair and/or replacement of all metal parts. The complete disassembly and reassembly of these instruments is the final outcome of this course.</p> <p><b>MUS 141 EXPERIMENTAL JAZZ ENSEMBLE 0-1</b> Performs stage band standards of the Swing and Jazz Eras. Students are also offered the opportunity to perform original, experimental compositions in these styles. Admission is by audition or permission of the instructor.</p> <p><b>MUS 145 BASIC RECORDING SOUND LAB 2</b> Introduces the student to the equipment and procedures in the sound laboratory. Attention is given to sound recording operations and techniques. It should be taken concurrently with MUS 135.</p> <p><b>MUS 147 GUITAR CLASS 2</b> Instructs the beginning guitar or bass guitar player on parts of the instrument, string tuning, correct playing positions and postures, left/right hand coordination, and reading notation. Additional instruction is given through CD-ROM and videotape.</p> <p><b>MUS 149 GUITAR ENSEMBLE 0-1</b> Provides advanced guitar students with performance experiences. The repertoire consists of selections of the classical, neo-classical, contemporary, and popular styles. Prerequisite: Successful completion of two (2) semesters of Applied Guitar.</p> <p><b>MUS 151 MARCHING BAND 0-1</b> Emphasizes instrumental ensemble performance and band pageantry. Students who participate will perform at various parades, athletic events, and other performance venues. Admission is by audition or permission of the director.</p> <p><b>MUS 152 CONCERT BAND 0-1</b> Emphasizes instrumental ensemble performance in the concert setting. Literature of a variety of style periods is prepared and performed. Admission is by audition or permission of the director.</p> <p><b>MUS 161 MIXED NOTES 0-1</b> Studies and performs traditional, commercial music. This study includes in-depth analysis and synthesis of pop, rock, jazz, and blues styles. Admission is by audition.</p> <p><b>MUS 171 OPERA WORKSHOP 0-1</b> Provides performance experiences in the opera repertoire, primarily for voice majors. Students have the opportunity to perform arias, scenes, and sections of operas. This involves both</p>
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## UNDERGRADUATE COURSES OF INSTRUCTION

solo and ensemble singing in public performance. Admission is by audition or permission of the instructor.

**MUS 181 SYMPHONIC BAND 0-1**

Emphasizes the application of theoretical principles to instrumental ensemble performance. Students who participate will perform literature of a progressive nature, designed for their levels of performance. This course fulfills the major ensemble requirement.

**MUS 191 SYMPHONY ORCHESTRA 0-1**

Requires all string majors to take this course, either for credit or non-credit. Literature from the various style periods is performed, the emphasis being on symphonic forms. Participation fulfills the major ensemble requirement for music majors. Admission is by audition or permission of the instructor.

**MUS 203 VOICE CLASS 2**

Is a continuation of MUS 103 and 104. It introduces the student to the critical, aural analysis of form and tonality. Emphasis is on the presentation of vocal literature of the Italian and German schools. Prerequisite: MUS 104.

**MUS 205 PIANO CLASS 2**

Is a continuation of MUS 106; this course emphasizes the development of skills in sight reading, transposition, and harmonization of melodies in the public school music class. The student must pass the Piano Proficiency Exam with a grade of "C" or better to complete the course. Prerequisite: MUS 106.

**MUS 211/212 MAJOR APPLIED INSTRUMENT OR VOICE 2**

Continues instruction in applied music for the sophomore year. Literature and technique are taught on a more advanced level. Prerequisite: MUS 112.

**MUS 215 HARMONY III/COUNTERPOINT 3**

Expands the student's harmonic vocabulary to include dominant seventh chords, secondary dominants, and irregular resolutions. In addition, problems in harmonic analysis and the topic of musical texture are examined. Studies the theory and compositional technique of 18<sup>th</sup> century counterpoint. Works of J.S. Bach will be examined and analyzed in detail. Forms such as the invention, the canon, fugue, and choral forms will be the primary focus of this study. It should be taken concurrently with MUS 225. Prerequisite: MUS 116.

**MUS 216 HARMONY IV/FORM AND ANALYSIS 3**

Studies ninth, eleventh and thirteenth chords, advanced modulations, modal alterations, chromatic alterations and possibilities of the Neapolitan sixth chord, raised supertonic and submediant seventh chord, secondary seventh chords, augmented fifth and diminished fifth chords, and augmented sixth chords. The course also includes an introduction to some parameters of twentieth century harmony. In addition, the course examines various techniques of analyzing form, texture, and style in music given to tonal structure, variation technique, and the process of periods. It should be taken concurrently with MUS 226. Prerequisite: MUS 215.

**MUS 217 FUNCTIONAL CONTEMPORARY HARMONY AND ARRANGING 2**

Follows experiences in the analysis of harmony in popular music; the student will arrange in various forms for typical jazz/commercial ensembles. Finally, each student will prepare an original composition. Admission is by permission of the instructor.

**MUS 219 MUSIC APPRECIATION FOR NON-MAJORS 3**

Studies art music in the western world. Various Afro-American

genres and performance practices are also studied. Specific forms and elements of music are taught, using the works of major composers of the principal style periods.

**MUS 221 SMALL ENSEMBLE FOR BRASSWINDS 0-1**

Provides sight-reading and ensemble (duet, trio, quartet, etc.) performance experiences in literature for brass instruments. The development of skills in balance and blend in the small ensemble are also emphasized. Admission is by audition or permission of the instructor.

**MUS 225 EAR TRAINING AND SIGHT SINGING III 1**

Is a continuation of MUS 126 and continues to develop aural and reading skills on an advanced level. It should be taken concurrently with MUS 215. Prerequisite: MUS 126.

**MUS 226 EAR TRAINING AND SIGHT SINGING IV 1**

Offers the last course in the series and continues training on the most advanced level. It should be taken concurrently with MUS 216. Prerequisite: MUS 225.

**MUS 231 SMALL ENSEMBLE FOR WOODWINDS 0-1**

Provides sight-reading and ensemble (duet, trio, quartet, etc.) performance experiences in literature for woodwind instruments. The development of skills in balance and blend in the small ensemble are also emphasized. Admission is by audition or permission of the instructor.

**MUS 235 INTERMEDIATE RECORDING & SOUND LECTURE I 2**

Teaches "signal to tape" procedures and techniques. Students are introduced to variations in the design of processing devices, consoles, microphones, monitors, and related equipment. This course is to be taken concurrently with MUS 245.

**MUS 237 BASIC BRASS REPAIR I 1**

Instructs in the diagnosis and repair of minor problems. Various methods of dust and scratch removal, repair of broken parts, and decay prevention are taught. Prerequisite: MUS 313.

**MUS 238 BRASS REPAIR II (LAB) 1**

Is a continuation of MUS 237; this course takes a hands-on approach to correcting operational problems. The student is taught the process of completely overhauling brass instruments. Prerequisite: MUS 237.

**MUS 241 SMALL ENSEMBLE FOR PERCUSSION 0-1**

Provides sight-reading and ensemble performance experiences in literature for various combinations of melodic and non-melodic percussion instruments. The development of skills of ensemble and synchronization of performance are emphasized. Admission is by audition or permission of the instructor.

**MUS 245 INTERMEDIATE RECORDING & SOUND LAB I 2**

Provides students practical experiences in the techniques of producing a demo session in detail. They are taught the responsibilities of the producer and the engineer. In addition, attention is given to merchandising the final product. This course is to be taken concurrently with MUS 235.

**MUS 251 SMALL ENSEMBLE FOR STRINGS 0-1**

Provides sight-reading and ensemble (duet, trio, quartet, etc.) performance experiences in literature for string instruments. The development of skills in balance and blend in the small ensemble are also emphasized. Admission is by audition or permission of the instructor.

**MUS 261 SMALL MIXED ENSEMBLE 0-1**

Provides sight-reading and ensemble (duet, trio, quartet, etc.) performance experiences in literature of mixed instrumentations.

## UNDERGRADUATE COURSES OF INSTRUCTION

The development of skills in balance and blend in the small ensemble are emphasized. Admission is by audition or permission of the instructor.

### **MUS 271 SMALL VOCAL ENSEMBLE 0-1**

Provides sight-reading and ensemble (duet, trio, quartet, etc.) performance experiences in literature for the voice. The development of skills in balance, blend, and pitch in the small ensemble are emphasized. Admission is by audition or permission of the instructor.

### **MUS 281 PROJECT IN STUDIO RECORDING 1**

Provides the student experiences in the application of recording techniques to produce one high quality project. Each project is done under direct supervision of the instructor. Admission is by permission of the instructor.

### **MUS 301 MUSIC IN EARLY CHILDHOOD EDUCATION 3**

Offers a course specifically for students in early childhood education. They will have experiences in singing and playing melodic and percussion instruments that are appropriate for the early childhood setting. Emphasis is placed on how young children respond to music.

### **MUS 309 DIRECTED STUDY 1-3**

Offers directed study for only junior and senior students who may enroll with the permission of the Chairman of the Music Department. Students pursue special projects in performance, composition, or individual research under the supervision of faculty who are trained in the proposed area. Students may substitute this course of study for junior and senior level courses not being offered during the semester. Non-majors may enroll with permission of the department chairman.

### **MUS 311/312 MAJOR APPLIED INSTRUMENT OR VOICE 2**

Provides courses that continue instruction in applied music for the junior year. Literature and technique are taught on a more advanced level. Prerequisite: Mus 212.

### **MUS 313 INSTRUMENTAL REPAIR I 1**

Emphasizes restoring all instruments to satisfactory playing condition. This includes learning to make minute adjustments required to correct problems of leakage and pitch control. Admission is by permission of the instructor.

### **MUS 314 INSTRUMENTAL REPAIR II 1**

Emphasizes the successful disassembly and reassembly of three types of instrument by the student. Upon completion, the instruments must be in playable condition. Prerequisite: MUS 313.

### **MUS 319 MUSIC APPRECIATION (FOR MUSIC MAJORS) 3**

Emphasizes the development of listening skills and the systematic study of masterpieces of music. A logical approach is made through the use of fundamentals of music. The course is required for all music majors.

### **MUS 321 MUSIC IN THE ELEMENTARY SCHOOL 3**

Offers a course for elementary education majors. Emphasis is on the development of skills necessary for teaching music. Students are taught fundamentals of music, keyboard skills, appropriate methodology, and the playing of melodic and percussive instruments.

### **MUS 322 JAZZ PERFORMANCE SEMINAR 0-1**

Provides experiences in performance from the legitimate "real book." Students will perform with recorded "rhythm sections." Prerequisite: MUS 331.

### **MUS 331 JAZZ IMPROVISATION 2**

Provides the fundamentals, basic music materials, and conventional practices of improvisation. The student then has experiences in extemporaneous playing according to the norms of the jazz idiom. Prerequisite: MUS 217 and audition by the instructor.

### **MUS 332 ADVANCED JAZZ IMPROVISATION 2**

Offers a continuation of MUS 331. The student will be exposed to a variety of improvisational techniques and performing experiences with the goal of developing his own improvisational style. Admission is by permission of the instructor. Prerequisite: MUS 331.

### **MUS 334 JAZZ PERFORMANCE REPERTORY 2**

Exposes the student to music in live performance. The student builds a repertoire of selections in all popular styles of jazz/commercial music that is currently important. Prerequisite: MUS 331.

### **MUS 401 MUSIC EDUCATION (METHODS COURSE FOR MUS. ED. MAJORS) 2**

Explores the theories of teaching and learning major approaches to teaching music (Kodaly, etc.). The integration of music with other subjects is also examined. Appropriate teaching materials, music series, etc. are reviewed.

### **MUS 405 THE BUSINESS OF MUSIC 2**

Acquaints the young musician with the music business, production and merchandising. It provides the student with logical and practical information on composition, production, and legal protection of arrangements, etc. Admission is by permission of the instructor.

### **MUS 409 JAZZ PEDAGOGY 1**

Provides a methods course that examines various methods of teaching jazz performance. Future jazz educators are instructed in ways to examine, analyze, and categorize in the process of diagnosing the individual needs of the jazz student. Prerequisite: MUS 331.

### **MUS 410 HISTORY AND DEVELOPMENT OF JAZZ 2**

Surveys the development of jazz from 1900 to the present. Outstanding innovators, composers, arrangers, performers and their music are studied. A secondary focus is the stylistic development of the period.

### **MUS 411 RECITAL PREPARATION 2**

Offers the last course in applied music prior to actual presentation of the Senior Recital. Successful completion of the course is contingent upon passing the MUS 411 Jury with a grade of "C" or better. The course must be repeated until the student passes the jury. Prerequisite: MUS 312.

### **MUS 412 SENIOR RECITAL 2**

Provides a public performance that: 1) is thirty to sixty minutes in length, 2) consists of repertoire from four style periods, 3) has been approved by the instructor. At least one month prior to the anticipated performance, the student is required to perform a hearing before the Recital Committee and obtain its approval to proceed with the performance. Successful completion of the Senior Recital is contingent upon the evaluation of the Recital Committee at the time of the actual performance. Prerequisite: MUS 411.

### **MUS 415 MUSIC HISTORY BEFORE 1750 3**

Provides a comprehensive study of the style periods from Antiquity to 1750. Included are visual and aural analyses of representative compositions as well as an examination of their relationships to the social and cultural backgrounds of each epoch. Prerequisite: MUS 319.

## UNDERGRADUATE COURSES OF INSTRUCTION

**MUS 416 MULTICULTURAL MUSIC HISTORY 3**  
Enables candidates to advance their knowledge and understanding of ocontemporary Euro-centric forms and styles of music and to include examples from African, Caribbean, South American, and Asian sources. It is a continuation of MUS 415.

**MUS 417 ORCHESTRATION AND ARRANGING 3**  
Teaches the skills of scoring music for small and large ensemble. The student will have experiences arranging for band, orchestra, and chorus. Special attention will be given to problems of transposing instruments and vocal ranges. Prerequisite: MUS 318.

**MUS 421 INSTRUMENTAL CONDUCTING 2**  
Offers the student theoretical and practical experiences in conducting a variety of instrumental ensembles. Attention is given to conducting techniques, score reading, and interpretation. In addition, rehearsal preparation and techniques will be taught with practical, laboratory experiences conducting instrumental ensembles. This course is required for all instrumental music majors. Prerequisite: MUS 318.

**MUS 424 CHORAL CONDUCTING 2**  
Offers the student theoretical and practical experiences in conducting a variety of vocal ensembles. Attention is given to conducting techniques, score reading, and interpretation. In addition, rehearsal preparation and techniques will be taught with practical laboratory experiences conducting choral ensembles. This course is required for all vocal music majors. Prerequisite: MUS 318.

**MUS 425 SEMINAR 1**  
Offers this course concurrently with student teaching. Featured is a discussion of trends and innovations in music education, along with problems in secondary school choral and instrumental programs relating to school and community needs. The course also prepares candidates for the music component of the PRAXIS.

**MUS 427 BAND DIRECTOR'S CLINIC (SUMMER SESSION ONLY) 2**  
Instructs in-service band directors on matters concerning band administration, conducting, arranging, charting, and festival preparation for various types of marching bands. In addition, training is given in the use of computer technology in arranging and charting shows.

**MUS 428 JAZZ FORM, TECHNIQUES, ANALYSIS WORKSHOP (SUMMER SESSION ONLY) 3**  
Examines and analyzes early stylistic developments in jazz, swing, be-bop, etc. The student will have experiences performing in these styles in a laboratory setting. There will be some opportunities for individual instruction and experimentation.

**MUS 429 JAZZ FORM, TECHNIQUES, ANALYSIS WORKSHOP (SUMMER SESSION ONLY) 3**  
Is a continuation of MUS 428. Contemporary, avant garde, and recent trends in jazz are examined and analyzed. Students will have similar laboratory and performing experiences. Prerequisite: MUS 428.

**MUS 430 MUSIC EDUCATION WORKSHOP (SUMMER SESSION ONLY) 3**  
Instructs in-service teachers on the elementary school level. Recent trends in methodology, new materials, and innovative techniques are explored. The course is an extension of MUS 321.

**MUS 431 STRING INSTITUTE (SUMMER SESSION ONLY) 2**  
Instructs in-service teachers with little or no prior experience in string pedagogy. Specialized instruction in string methods will be given enrollees. A summer ensemble will be formed to provide hands-on application of techniques.

**MUS 432 SUMMER VOCAL WORKSHOP (SUMMER SESSION ONLY) 2**  
Acquaints in-service teachers with fundamentals of vocal technique, literature, and styles of musical expression. Works from the Renaissance to the 20th century are explored, with emphasis on those of the English language. The course is also open to high school students and non-music majors.

**MUS 433 COMPUTER ASSISTED MUSICAL NOTATION 3**  
Offers practical experience in scoring for the small ensemble, as well as band, orchestral, and choral arrangements via computer notation software. Admission by permission of the instructor.

**MUS 434 COMPUTER ASSISTED DRILL DESIGN 3**  
Prepares prospective band directors to use computer technology in the development of drills and formations for the marching band. Admission by permission of the instructor.

**MUS 441 CHAMBER MUSIC ENSEMBLE 1**  
Prepares chamber music of assorted instrumentations for performance. Emphasis is on reading, balance, and blend in the small ensemble. Juniors and seniors of acceptable proficiency may enroll by audition or permission of the instructor.

### NURSING

**NUR 120 COMPUTERS FOR NURSES 3**  
Introduces students to the use of computers in health care and educational settings for health professionals. The student will be introduced to basic word processing as related to nursing. Basic medical word construction will be presented in order for students to be able to communicate with other health professionals. There are three lecture hours per week.

**NUR 201 INTRODUCTION TO PROFESSIONAL NURSING 2**  
Introduces the philosophy, objectives and requirements of the School of Nursing. Also included is general nursing history, Grambling's School of Nursing history, and legal/ethical issues as they affect nursing. Professional nursing will be introduced as it is influenced by society and technology. There are two lecture hours per week. Prerequisite: Sophomore standing.

**NUR 202 NURSING PROCESS I 9**  
Presents basic skills, theory, and practice that applies the nursing process to the provision of care in wellness settings. The students are presented with the theoretical foundation of nursing practice and are provided with practice in controlled situations. There are five lecture hours and twelve laboratory hours per week. Prerequisite is acceptance into professional segment of the nursing program. Corequisite: NUR 204 and NUR 207.

**NUR 204 HEALTH ASSESSMENT 3**  
Presents the proper sequence and techniques of assessment of the client. Students are presented with the skills necessary to identify selected abnormalities by use of interview and assessment techniques. There are two lecture hours and three laboratory hours per week. Corequisite: NUR 202 and NUR 207 or permission of the instructor.

# UNDERGRADUATE COURSES OF INSTRUCTION

## **NUR 205 PRINCIPLES OF PHARMACOLOGY 3**

Provides an introduction to basic principles of pharmacokinetics, pharmacodynamics, and drug administration. Drug classification, mechanism of action and indications, as well as major adverse reactions, contraindications, and nursing implications are emphasized. There are three lecture hours per week. Prerequisite: BIOL 207/207L, BIOL 208/208L, CHEM 105/107, and CHEM 106/108 or permission of the instructor.

## **NUR 207 INTRODUCTION TO CRITICAL THINKING 1**

Presents problem solving and critical thinking utilizing the nursing process in various nursing situations. Critical thinking and problem solving are introduced through use of classroom and computer assisted instruction activities as they apply to nursing. There is one lecture hour per week. Corequisite: NUR 202 and NUR 204 or permission of the instructor.

## **NUR 302 NURSING PROCESS II 10**

Introduces wellness and illness states in adult clients. Classroom lecture presents adult clients that have uncomplicated illness and wellness problems. Students apply knowledge gained from lecture and laboratory in supervised care of adult clients in various settings. There are six lecture hours and twelve laboratory hours per week. Prerequisites: NUR 202, NUR 204, and NUR 207. Corequisite: NUR 303.

## **NUR 303 GROUP INTERACTION SEMINAR II 2**

Allows students to function in the role of teacher, researcher, leader, and evaluator through groups and individual presentations. Emphasis is placed on the nursing process and roles of the nurse in providing health care for clients and families in wellness and illness states. There are two lecture hours per week. Corequisite: NUR 302.

## **NUR 304 NURSING PROCESS III 10**

Emphasizes the utilization of the nursing process with focus on change, leadership, and family group dynamics in community and complex situations. Classroom lecture presents adult clients that have complex health problems. Students apply knowledge gained from lecture and laboratory in supervised care of adult clients in various settings. There are six lecture hours and twelve laboratory hours per week. Prerequisites: NUR 302, NUR 303, and PSY 304. Corequisite: NUR 305.

## **NUR 305 GROUP INTERACTION SEMINAR III 2**

Allows the student to demonstrate group dynamic skills as various topics are presented that relate to nursing interventions in the community and complex situations. Each student is expected to function in the role of teacher, researcher, leader, and evaluator during the preparation and presentation of assigned topics. There are two lecture hours per week. Corequisite: NUR 304.

## **NUR 310 TRANSITION TO PROFESSIONAL NURSING 2**

Presents R.N. students the opportunity to explore and discuss topics, attitudes, skills, and behaviors which will aid in the transition to professional nursing. Students are presented the various roles of teacher, researcher, leader, and evaluator. Students discuss the changes in nursing and how they will be able to adapt to these changes. (R.N. students only)

## **NUR 350 INDEPENDENT STUDY 3-6**

Provides assistance for students that require additional study to enhance skills needed for success in the nursing curriculum. Students assist in determining their strengths and weaknesses and work with the professors to meet their individual needs. Both computer assisted instruction and laboratory practice as well as others methods are used to enhance the students knowledge.

## **NUR 401 PROGRESSION EXAM 0**

Is a comprehensive written examination that integrates knowledge from all previous nursing courses. This is completed in the first semester of the senior year of the BSN curriculum. Co-requisites: NUR 402 or NUR 450.

## **NUR 402 NURSING PROCESS IV 10**

Presents a family centered approach to nursing care of maternal and child health clients. Classroom lecture presents information necessary to give nursing care to maternal and child health clients. Students apply the knowledge gained in class room and laboratory to give supervised care to maternal and child clients. There are six lecture hours and twelve clinical hours per week. Prerequisites: NUR 304 and NUR 305. Corequisite: NUR 403.

## **NUR 403 GROUP INTERACTION SEMINAR IV 2**

Focuses on both oral and written communication skills within large group settings. Students function in the role of teacher, researcher, leader, and evaluator through group presentations. Topics correspond with Nursing 402. There are two lecture hours per week. Corequisite: NUR 402.

## **NUR 404 NURSING PROCESS V 8**

Presents principles of management and community health. Students apply the knowledge gained in the class room to give supervised care to clients in various health care settings. The application of the nursing process in various clinical settings is emphasized. There are four lecture hours and twelve laboratory hours per week. Prerequisite: All previous general education requirements, NUR 402, and NUR 403. Corequisites: NUR 406 and NUR 407.

## **NUR 406 INTRODUCTION TO NURSING RESEARCH 3**

Introduces the principles relating to nursing roles in research. Students are presented with the basic parts of nursing research. Each student critiques nursing research for the application to nursing practice. There are three lecture hours per week. Prerequisite: STAT 271. Corequisite: NUR 404 and NUR 407.

## **NUR 407 CRITICAL THINKING IN NURSING 2**

Examines and evaluates the nursing process in various client situations. Problem-solving and critical thinking as applied to the nursing process are the main foci. There are two lecture hours per week. Test taking skills are enhanced. Corequisites: NUR 404 and NUR 406.

## **NUR 450 INDEPENDENT STUDY 3**

Provides assistance for students that require additional study to be successful on the Progression Exam. Students and faculty collaborate to determine areas of strengths and weaknesses to identify an individualized learning plan. Multiple learning activities are used to achieve positive learner outcomes.

## PARALEGAL STUDIES

### **PL 201 INTRODUCTION TO LAW AND THE PARALEGAL PROFESSION 3**

Introduces law, paralegalism, and the American legal system. The nature, function, and role of law, and the role of paralegals in the legal system, including ethics, regulations, and professional responsibilities are addressed. An overview of the practical skills and basic legal concepts needed by paralegals is presented.

### **PL 211 CRIMINAL LAW PRACTICE AND PROCEDURE 3**

Presents the fundamentals and practical aspects of federal and state criminal law and procedure. Students are taught how to prepare criminal cases for trial; the limitations on criminal law

# UNDERGRADUATE COURSES OF INSTRUCTION

and procedure imposed by the U.S. and state constitutions; the criminal process from arrest to the post-conviction stage; the preparation of criminal law forms and pleadings; and the collection and preservation of evidence.

**PL 221 LEGAL RESEARCH AND WRITING I 3**  
Introduces legal research and writing. This course introduces the student to primary and secondary research sources, research techniques, citations, and the tools of legal research. The student learns how to use federal and state court reporters, court rules, Shepards Citations, digests, periodicals, annotated law reports, treatises, restatements, and encyclopedias; computer application in legal research; and basic legal writing and analytical skills.

**PL 222 LEGAL RESEARCH AND WRITING II 3**  
Provides a sequel to PL 221 with emphasis upon legal writing, library use, and computer application, including WestLaw and LEXIS/ NEXIS. Students learn to prepare written legal documents (such as trial and appellate briefs), and proper citation form; the development of research strategies; and the examination of written legal arguments and their application to special legal problems and legal problem-solving.

**PL 241 TORTS AND CONTRACTS 3**  
Introduces law relating to civil wrongs and compensation for personal and property injury, such as intentional torts, negligence, defenses thereto, and appropriate remedies. Study of major areas of contract law, such as formation, types, interpretation, modification, assignments, enforcement, breach, and remedies.

**PL 311 FAMILY LAW PRACTICE 3**  
Examines the substantive law related to marriage, children, and property. Presented are the skills and techniques needed to interview clients, to prepare pleadings for dissolution, support, and division of property, and to prepare cases for trial. Students are also taught to supervise the progress of cases, to draft property settlements, and to trace assets. Students learn the tax consequences of support and division of property.

**PL 321 CIVIL LITIGATION I 3**  
Introduces the civil litigation process in federal and state courts with emphasis upon the Federal Rules of Civil Procedure. This course will also examine various courts, jurisdiction, venues, causes of action, parties, client interviews, pleadings, specific pretrial motions, pretrial case preparation, trial advocacy, and the paralegal's role in the litigation process.

**PL 322 CIVIL LITIGATION II 3**  
Provides a sequel to Civil Litigation I with emphasis upon the litigation process from discovery to trial and appellate review. Specifically, the course will examine investigation and discovery, mediation, alternative dispute resolution, expert witnesses, trial preparation, post-trial motions, the appellate process and the paralegal's role in the litigation process.

**PL 361 LAW OFFICE MANAGEMENT 3**  
Examines the organization and efficient operation of the law office. Students are introduced to management concerns in the law office. These concerns include office structures and systems, accounting and billing procedures, hiring, scheduling, management of non-attorney personnel, information storage and retrieval systems, office equipment, management of the law office library, purchasing of law office supplies, and client relations.

**PL 398 PARALEGAL INTERNSHIP I 3**  
Offers a supervised practicum experience performed off campus in a professional legal environment for a minimum of one hundred (100) hours. Students are placed in legal organizations in

which the organizations provide practical learning experiences and supervision, and the students provide worthwhile contributions to the legal organizations. If the student is employed prior to the internship, by the sponsoring organization, the sponsoring organization must assign the student to new areas and extend work hours by one hundred beyond those required in employment.

**PL 399 PARALEGAL INTERNSHIP II 3**  
Provides a sequel to PL 398 and consists of an additional 100 hours of on-the-job training in an approved legal setting. Authorization from the paralegal director is required for enrollment.

**PL 411 CORPORATIONS AND BUSINESS ORGANIZATIONS AND PRACTICE 3**  
Includes topics of sole proprietorships, partnerships, and corporations, including the formation and amending of Articles of Incorporation. Students are taught how to prepare drafts of stock certificates, maintain stock ledgers, draft resolutions, authorize dividends and stock splits. Students also study qualified stock option plans and agreements, buying/selling agreements, acquisitions and mergers, and registration statements.

**PL 421 REAL ESTATE LAW 3**  
Examines the substantive and procedural aspects of real estate law and transactions. It includes conducting title searches and preparing preliminary title abstracts, title assurance, mortgages and transfers of ownership. Additionally, the requisition of deeds and leases; preparation of a preliminary opinion of title, real estate closing procedures, and preparation of documents for mortgages, foreclosures, recordings, and closings are also covered in this course.

**PL 431 INDEPENDENT STUDY 3**  
Permit students to conduct their own research project, improve their analytical skill development, and study in an area of law related to paralegal practice under the supervision of a faculty advisor.

**PL 441 SPECIAL TOPICS IN LAW 3**  
Provides an advanced analytical and writing seminar addressing current trends in Paralegal practice, developing legal theories, ethical and social policy issues raised by human, scientific, and technological developments in the field of law. An analytical paper is required. Special Topics in Law is an advanced, intensive course to be taken by students nearing the completion of their degree program.

## PHILOSOPHY

**PHIL 201 INTRODUCTION TO PHILOSOPHY 3**  
Introduces basic questions of philosophy; the nature of philosophy and ultimate reality, sources of knowledge, and criteria for judgments in personal and social ethics and in religion.

**PHIL 202 HISTORY OF ANCIENT PHILOSOPHY 3**  
Covers the history of ancient western philosophy from the Pre-Socratics to the Stoic, with special emphasis on the works of Plato and Aristotle. (Elective)

**PHIL 203 HISTORY OF MEDIEVAL PHILOSOPHY 3**  
Covers the history of medieval western philosophy from St. Augustine to Suarez, including Boethius, Anselm, Duns Scotus, Bonaventure, Aquinas, Ockham, and Roger Bacon. (Elective)

**PHIL 301 INTRODUCTION TO LOGIC 3**  
Begins with the introduction to Aristotelian logic with emphasis on syllogistic procedures. Elementary symbolic logic with Venn diagrams and truth-tables and beginning first-order quantification theory are also covered. (Elective)

# UNDERGRADUATE COURSES OF INSTRUCTION

**PHIL 302 ETHICS 3**  
Examines major traditional theories of morality in order to develop principles of ethical criticism applicable to personal conduct and social institutions. (Elective)

**PHIL 303 HISTORY OF MODERN PHILOSOPHY 3**  
Covers the history of modern western philosophy from Bacon to Kant, including Descartes, Leibniz, Spinoza in the rationalist tradition, and Locke, Berkeley, and Hume in empiricist tradition. (Elective)

**PHIL 308 METAPHYSICS 3**  
Examines the general theories of ultimate reality from the early Greek naturalists through contemporary linguistic, ontological, and phenomenological schools of thought. (Elective)

**PHIL 309 EPISTEMOLOGY 3**  
Examines theories of knowledge and problems in the theory of knowledge, such as the nature of truth, rationalism versus empiricism, knowledge versus skepticism. (Elective)

**PHIL 313 CONTEMPORARY MORAL PROBLEMS 3**  
Examines some of the fundamental problems in the contemporary moral arena. This course will deal with issues such as abortion, suicide, human rights, political and economic equality, discrimination, and capital punishment. The emphasis of the course will be a delineation of the principles which underlie contemporary resolutions of the related questions.

**PHIL 405 AFRICAN-AMERICAN PHILOSOPHY 3**  
Examines the origin, growth, and nature of the social thought of African Americans related to the experience of black people in America.

## PHYSICS

**PHYS 109 FUNDAMENTALS OF PHYSICS I 3**  
Provides an algebra-based general physics course for majors of the life sciences. The course deals with a wide variety of applications to the life sciences. Course content covers mechanics, wave motion and fluids. There are three lectures per week. Corequisite: PHYS 111.

**PHYS 110 FUNDAMENTALS OF PHYSICS II 3**  
Is a continuation of PHYS 109. The course deals with a variety of applications to the life sciences. Content covers wave phenomena, optics, electricity, magnetism and in brief atomic and nuclear theory. There are three lectures per week. Corequisite: PHYS 112.

**PHYS 111 FUNDAMENTALS OF PHYSICS I LAB 1**  
Is a laboratory course designed to accompany PHYS 109. This course includes laboratory experiments in mechanics, wave motion, and fluids. The class meets one two-hour period per week. Corequisite: PHYS 109.

**PHYS 112 FUNDAMENTALS OF PHYSICS II LAB 1**  
Is a laboratory course designed to accompany PHYS 110. This course includes laboratory experiments in wave phenomenon, optics, electricity and magnetism. The class meets one two-hour period per week. Corequisite: PHYS 110.

**PHYS 151 GENERAL PHYSICS I 5**  
Is designed for natural science, mathematics and computer science majors. Course content includes mechanics and thermodynamics. Class meetings include three one-hour lectures, one two-hour problem session, and one two-hour laboratory period per week. Laboratory and problem sessions require separate registrations. Corequisite: MATH 153.

**PHYS 152 GENERAL PHYSICS II 5**  
Is a continuation of PHYS 151, with emphasis on electricity and magnetism, and geometric and wave optics. Class meetings include three one-hour lectures, one two-hour problem session, and one two-hour laboratory periods per week. Laboratory and problem sessions require separate registrations. Prerequisite: PHYS 151. Corequisite: MATH 154.

**PHYS 208 PHYSICAL SCIENCE ECE/ELEMENTARY EDUCATION 4**  
Acquaints elementary and early childhood education majors with an innovative approach to the teaching of science in the lower grades. Emphasis on developing process skills and scientific literacy. Course content evolves from accepted national programs for elementary science and from student interest with major consideration being given to affective behavior.

**PHYS 213 ATOMIC PHYSICS 3**  
Is an intermediate course for majors in physics. This course covers atomic structure and spectra; an introduction to relativity and the origin of quantum theory, the periodic table, X-rays, molecular structure, and the solid state. Prerequisites: PHYS 151, 152. Corequisite: PHYS 220.

**PHYS 214 NUCLEAR PHYSICS 3**  
Is an intermediate course for majors in physics. This course covers an introduction to radioactivity, nuclear reactions, cosmic radiation, interactions of radiation with matter, particle-wave relations, and ionizing radiation dose effects on living organisms. Prerequisites: PHYS 151, 152. Corequisite: PHYS 221.

**PHYS 217 OPTICS 3**  
Is an intermediate course in the fundamentals of optics for majors in physics. Topics covered include reflection, refraction, interference, diffraction, scattering, dispersion, polarization, optical instruments, and spectroscopy. Prerequisites: PHYS 151, 152. Corequisite: PHYS 227.

**PHYS 220 SOPHOMORE LABORATORY (ATOMIC) 1**  
Is an intermediate laboratory course covering atomic physics. Topics include a selection of experiments involving electric and magnetic fields, and electronic properties of matter. Some discussion of the theory and techniques of experimental analysis is included. Corequisite: PHYS 213.

**PHYS 221 SOPHOMORE LABORATORY (NUCLEAR) 1**  
Is an intermediate laboratory course covering nuclear physics. Topics include a selection of experiments in nuclear radiation detection and nuclear instrumentation. Corequisite: PHYS 214.

**PHYS 227 SOPHOMORE LABORATORY (OPTICS) 1**  
Is an intermediate laboratory course covering geometrical and physical optics. Experiments in reflection, refraction, interference, diffraction, polarization, birefringence and spectroscopy are included. Corequisite: PHYS 217.

**PHYS 304 THERMODYNAMICS 3**  
Is an intermediate course covering the thermal properties of gases, liquids, and solids. The laws of thermodynamics and applications; the kinetic theory, and introductory statistical physics are included. Prerequisites: PHYS 151, 152.

**PHYS 305 MECHANICS I 3**  
Is an intermediate course in classical mechanics. Kinematics and particle dynamics in one, two, and three dimensions are covered. Central forces, Kepler and Rutherford problems, and

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applications of conservation laws of momentum and energy are included.

## **PHYS 306 MECHANICS II 3**

Is a continuation of PHYS 305. Topics covered are rigid body statics and dynamics, center of mass, moment of inertia, tensor algebra, and Lagrangian dynamics. Prerequisite: PHYS 305.

## **PHYS 313 MATHEMATICAL METHODS OF PHYSICS I 3**

Is an intermediate course in the mathematical methods of physics. Topics include the application of vector and matrix algebra, complex analysis, integral transforms ordinary and partial differential equations to physical problems. Prerequisites: MATH 153, 154. Corequisite: MATH 403.

## **PHYS 314 MATHEMATICAL METHODS OF PHYSICS II 3**

Is a continuation of PHYS 313. Topics include Fourier series, ordinary differential equations, gamma, beta, and error functions, Sterling's Formula, Legendre polynomials, set of orthogonal functions, partial differential equations, functions of complex variables, integral transforms, and probability.

## **PHYS 323 ADVANCED LABORATORY I 2**

Is an advanced laboratory course in physics. The course covers experimental techniques in basic electronics and electronic instrumentation with emphasis on analog electronics. Prerequisite: PHYS 152.

## **PHYS 324 ADVANCED LABORATORY II 2**

Is a continuation of PHYS 323. The course covers experimental techniques in basic electronics and electronic instrumentation with emphasis on digital electronics. Prerequisite: PHYS 152, 323.

## **PHYS 350 ELECTRONICS 3**

Is an advanced lecture course in electronics. The course will augment the student's comprehension and further their electronic circuit design skills. Course will complement PHYS 323, 324.

## **PHYS 400 ELECTRONIC PROPERTIES OF MATERIALS 3**

Is an advanced materials science course for physics and chemistry majors. Topics discussed include the electronic structure of matter and its relation to the important physical and chemical properties of matter. Prerequisite: PHYS 151, 152, CHEM 111, 112, and MATH 403.

## **PHYS 403 THEORY OF ELECTRICITY AND MAGNETISM I 3**

Is an intermediate course in the theory of electricity and magnetism. Topics included are electrostatics, electrodynamics, electromagnetic induction, dielectric theory, magnetic properties of matter, and Maxwell's equations. Prerequisites: PHYS 306 and MATH 403.

## **PHYS 404 THEORY OF ELECTRICITY AND MAGNETISM II 3**

Is a continuation of PHYS 403. Topics included are electric currents, magnetism and magnetic properties of matter, electromagnetic induction, Maxwell's equations and propagation of plane electromagnetic waves. Prerequisite: PHYS 403.

## **PHYS 410 INTRODUCTORY QUANTUM MECHANICS 3**

Covers the basic postulates of quantum mechanics. Topics are the fundamentals of wave and quantum mechanics, the Correspondence Principle, Schrodinger's wave equation, eigenvalues and eigenfunctions, the applications to harmonic oscillator and hydrogen atom, and perturbation techniques. Prerequisites: PHYS 213, 214, and 313.

## **PHYS 421 PROJECTS IN PHYSICS I 2**

Includes advanced experimental projects designed to offer independent planning and study in the areas of energy-environment, and spectroscopy, magnetic resonance, biophysics, plasma physics, biophysics, and solid state physics. Prerequisites: PHYS 323, 324.

## **PHYS 422 PROJECTS IN PHYSICS II 2**

Is a continuation of PHYS 421. This course affords students additional opportunities to conduct experiments in energy-environment, and spectroscopy, magnetic resonance, biophysics, plasma physics, biophysics, and solid state physics. Prerequisites: PHYS 323, 324.

## **PHYS 425 SELECTED TOPICS IN MODERN PHYSICS 3**

Discusses topics from solid state physics include crystal structures, band theory, and electric and magnetic properties of solids. Topics from plasma physics include magnetohydrodynamics, small amplitude wave propagation, shocks, and applications to naturally occurring plasmas of space. Topics from biophysics include interaction of nuclear radiation with matter, radiation induced chemical lesions at the cellular level biochemistry of irradiated organisms, application of radioisotopes in medicine and biology.

## **POLITICAL SCIENCE**

### **PS 200 INTRODUCTION TO POLITICAL SCIENCE 3**

Provides a comprehensive introduction to government for both majors and non-majors. It studies the meaning of political science in relation to other disciplines. Discussion on theory and organization of the modern states will be included.

### **PS 201 AMERICAN NATIONAL GOVERNMENT 3**

Studies the basic facts and principles of American democracy. It also studies foundation, organizations, principles and operation, obligations and rights of citizens suffrage and political parties. Changing nature of the federal system and international community of states will also be studied.

### **PS 203 INTRODUCTION TO LAW STUDY 3**

Explains what a student can expect from law school and subsequently from the practice of law. Emphasis will be placed on taking the LSAT and a review of the various law schools. This course is open to all interested students.

### **PS 204 ELEMENTS OF LAW 3**

Offers a broad survey of the role of law and the courts in American society. Among the topics are the nature and sources of law, the organization of the courts, the judicial process and legal bibliography. General theories on law will also be discussed.

### **PS 210 INTRODUCTION TO POLITICAL BEHAVIOR 3**

Explores the psychological and social aspects of political activity including personality factors. It also studies the structuring of political beliefs and values, leadership, membership, participation, and political decision-making. Emphasis will be on American behaviors. (Elective)

### **PS 300 STATE AND LOCAL GOVERNMENT 3**

Familiarizes the students with the social, political and economic functions of state and local governments. Students will study the interrelationship between the private sector and state and local government institutions in regard to public policy. Reference to problems in Louisiana will be studied.

### **PS 301 PUBLIC PERSONNEL ADMINISTRATION 3**

Studies the development of the national, state, and local civil service. It will also focus on the merit systems, problems of se-



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lection, training, classification, promotion, service ratings, in-service training, discipline and retirement. All personnel issues will be included for studies.

**PS 303 PUBLIC POLICY DEVELOPMENT 3**

Offers analysis of the motives for government decision-making and elaboration of policy-making processes. It will study investigation of the problems of policy formation, measurement and outcome prediction. Emphasis will be on the impact of governmental policies.

**PS 304 MUNICIPAL GOVERNMENT 3**

Provides a general survey of the organization, politics, and responsibilities of municipalities. Students will examine the legal aspects of municipal governments and study the relationship between the national, state and local governments in regard to organizational structure. Reference to problems of municipal governments in Louisiana will be included.

**PS 305 AMERICAN POLITICAL PARTIES 3**

Studies the political party as a part of the process of government, party organization and activities, nominating and campaign methods, theories and functions of the party system, and party responsibility. It also studies the functioning of political parties in the American political system. It may include a substantial amount of material about foreign political systems.

**PS 306 PUBLIC ADMINISTRATION 3**

Provides a study of the problems and methods of administering public policies. Special emphasis will be on problems of organization and control of government power. All phases of public administration will be studied.

**PS 311, 312 COMPARATIVE GOVERNMENT 6**

Provides a comparative study of the governmental and political institutions of Great Britain, France, Germany, Italy and Russia. Comparison will be made with American institutions. The second semester deals with a comparative study of the Asian governmental institutions.

**PS 313 GOVERNMENT AND POLITICS IN LATIN AMERICA 3**

Provides a study of government and politics in selected Latin American states including Argentina, Brazil, Chile, and Mexico. Focus will be on constitutional crisis and factors underlying policy function. Comparison with American politics will be made.

**PS 315 GOVERNMENT AND POLITICS IN AFRICA 3**

Provides a survey of recent political trends in Africa. It studies the rise of independent nations and the factors of economics and social adjustments upon the political systems. The role of military will also be studied. (Elective)

**PS 316 GOVERNMENT BUDGETING 3**

Studies the role of fiscal planning and management in the administrative processes. Focus will be on budgetary theory, budget-making process, intergovernmental fiscal relations. Problems of fiscal administration and budgeting will also be studied.

**PS 317 INTERNSHIP 6**

Provides supervised work with national, state or local government agencies or political organizations. Participation in staff and internship conferences are required of all students. It requires 160 hours of practical work and extensive analytical reports.

**PS 401 ORGANIZATION THEORY AND PRACTICE 3**

Provides an analysis of the role of organizations in contemporary society. Particular emphasis will be on decision-making of

governmental organizations. Other organizational issues will be discussed.

**PS 403 CONSTITUTIONAL LAW 3**

Studies substantive principles of American constitutional law. Rights and liberties protected by the Constitution against action of federal and state governments will be studied. It may include problems of judicial review, the federal system, and separation of powers and the nature of selected congressional-presidential powers.

**PS 404 INTERNATIONAL ORGANIZATION AND RELATIONS 3**

Studies dynamics of conflict and cooperation among national, international and transnational factors and contributing political, economic, and social factors. It also studies evolution, functions, achievements, and limitations of international organization in modern society. Primary focus will be on the United Nations.

**PS 405 CIVIL LIBERTIES IN THE UNITED STATES 3**

Studies civil liberties in contemporary United States culture, theory and history underlying them. It also studies Supreme Court cases dealing with free speech and press in an era of communications. Freedom of association, religious liberties and rights of ethnic minorities will be included for discussion.

**PS 406 UNITED STATES POLITICAL INSTITUTIONS 3**

Provides analysis and understanding of the organizations, functions, development and behavior of the nation's legislature, executive, bureaucracy and judiciary. It will study the principles of the Constitution of the United States of America. A survey of the political and social institutions which have developed under the Constitution will also be studied.

**PS 408 INTERNATIONAL LAW 3**

Studies the nature and foundation of international law. It will focus on recognition of states and governments, territorial jurisdiction and jurisdiction on the high seas and sovereign immunities in foreign courts. Aliens and international agreements, legal regulation of the use of force will also be studied. (Elective)

**PS 410 AMERICAN FOREIGN POLICY 3**

Provides an analysis of American foreign policy administration and conduct of foreign affairs. It will also focus on the major foreign policy problems and case studies in decision-making. Objectives, instruments and consequences of national security policy will also be studied.

**PS 421 WESTERN POLITICAL THOUGHT 3**

Studies the history, formation, and development of political thought of the West. It studies the political philosophy of ancient Greece and the development of western political theory and constitutionalism. Emphasis will be on the relevance of theory to a critical understanding of concrete, political and social problems involving power, freedom, equality, justice and action.

**PS 422 MODERN POLITICAL THOUGHT 3**

Provides an examination and analysis of the main political doctrines since the mid-nineteenth century. Emphasis will be on socialism, communism, fascism, and democracy. All major writers of political thought will be studied.

**PS 423 INDEPENDENT STUDY 3**

Provides a directed study and supervised independent research on selected governmental and political topics. Open to juniors and seniors with the consent of department head. Students may not repeat the course.

# UNDERGRADUATE COURSES OF INSTRUCTION

## PSYCHOLOGY

### **PSY 200 GENERAL PSYCHOLOGY 3**

Surveys the principles of psychology. Special attention will be given to human behavior. The shaping of behavior and personality by interaction between the individual and the environment is examined.

### **PSY 201 ADVANCED GENERAL PSYCHOLOGY 3**

Is a continuation of PSY 200 for majors. It provides an indepth study of the more technical areas of psychology. Physiological, sensation-perception, learning, motivation, thinking, and memory will be areas of emphasis. Prerequisite: PSY 200.

### **PSY 202 DEVELOPMENTAL PSYCHOLOGY 3**

Explores the physical, mental, social, and emotional development of the individual throughout life. An emphasis will be placed on understanding human dynamics with respect to the self and others. Various theories of human development will be examined.

### **PSY 206 LEADERSHIP AND DECISION-MAKING 3**

Entails an introduction and exploration of various psychological theories and applied techniques that will more adequately prepare an individual to lead others. Various leadership and decision-making models will be presented. Lectures, demonstrations, discussions and audiovisual materials will be used.

### **PSY 210 INTRODUCTION TO AFRICAN/BLACK PSYCHOLOGY 3**

Introduces the theory, practice and research of the study of psychosocial experiences of people of African descent. The unique worldview of the history and culture of people will be covered. Emphasis will be placed on the African/African American and European/Euro-American worldviews and theories of African/Black cognitive styles, personality, and development. Prerequisite: PSY 200.

### **PSY 212 PSYCHOLOGY OF THE AFRICAN/BLACK FAMILY 3**

Provides an understanding of the role of the African Black family through emphasizing the structure, function and adaptive behavioral styles manifested therein. The inherent strengths of this family will be highlighted, rather than the pathologies. Healthy models of family relationships will be emphasized. Prerequisite: PSY 200.

### **PSY 300 PSYCHOLOGICAL PRINCIPLES OF LEARNING 3**

Explores the psychological process of learning as a determinant of personality and behavior from conditioning of simple reflexes to higher learning and emotional functions. Various theories of learning will be discussed. Techniques for improving learning will be explored. Prerequisite: PSY 200.

### **PSY 301 PERSONALITY ADJUSTMENT AND DEVELOPMENT 3**

Explores frustration, adjustment mechanisms, personal motivation, feelings, emotions, and interpersonal adjustment. It will identify and resolve common problems of conflict and adjustment in each stage of life. Self-understanding, self-acceptance, and maximum utilization of personal capacities and traits are emphasized.

### **PSY 302 THEORIES OF PERSONALITY 3**

Provides an indepth study of the theories of personality. The dynamics underlying the various modes of human behavior will be discussed. Personality traits and characteristics are emphasized. Prerequisite: PSY 200.

### **PSY 303 APPLIED PSYCHOLOGY 3**

Applies psychological methods and principles to a number of occupational fields other than education. Relevant theories of psychology will be discussed. Emphasis will be placed on understanding theories as they relate to areas of work.

### **PSY 304 ABNORMAL PSYCHOLOGY 3**

Emphasizes the nature and etiology of common deviant mental and emotional behaviors. Particular emphasis on the various potentials for rehabilitation will be discussed. Readjustment and learning will also be emphasized. Prerequisite: PSY 200.

### **PSY 305 SOCIAL PSYCHOLOGY 3**

Examines the individual in relation to others. The nature and development of personality will be emphasized. Social behavior and adjustments will be a major area of focus. (Same as SOC 305.)

### **PSY 306 INTRODUCTION TO COUNSELING PSYCHOLOGY 3**

Provides a survey of counseling and interviewing procedures. The contributions of psychological theory to counseling techniques will also be emphasized. The application of theory to human behavior will be explored. Prerequisites: PSY 200.

### **PSY 307 INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY 3**

Explores the scientific study of human behavior in work settings, covering the adjustments people make to places they go, people they meet, and things they do. Occupational activities of all types will be discussed. An indepth survey of the role of the industrial/organizational psychologist will be made. Prerequisite: PSY 200.

### **PSY 309 COGNITIVE PSYCHOLOGY 3**

Provides an indepth study of the mental processes and concepts underlying behavior. The various theorists and theories will be studied. Methods employed by cognitive psychologists to predict, control and improve behavior will be emphasized. Prerequisite: PSY 200.

### **PSY 320 PHYSIOLOGICAL PSYCHOLOGY 3**

Provides a general overview of human anatomy and physiology. A discussion of how physiological changes cause and are caused by changes in behavior will be emphasized. Emotion, motivation, learning and human development will also be explored. Prerequisite: PSY 200.

### **PSY 327 DESCRIPTIVE STATISTICS 3**

Entails a study of the relevant descriptive and inferential statistical analysis available in the behavioral sciences. Emphasis will be placed on the application of statistics to everyday problems. Further discussion will focus on the application of research in the behavioral sciences. (Same as SOC 327). Prerequisite: PSY 200.

### **PSY 400 PSYCHOLOGICAL MEASUREMENT 3**

Explores theory, problems and techniques of psychological measurement. Group tests of ability, aptitude, and interests will be examined. Personality tests will also be studied. Prerequisite: PSY 327.

### **PSY 401 EXPERIMENTAL PSYCHOLOGY 3**

Studies and analyzes the most basic classical and modern experiments in psychology. The principles of experimental psychology will be illustrated. Theories relevant to experimental psychology will be discussed. Prerequisite: PSY 327.

### **PSY 404 HISTORY AND SYSTEMS OF PSYCHOLOGY 3**

Examines a comparative study, with some unifying reconcilia-

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tion, of the various dominant systems of "schools" of psychology. These systems will represent the major different approaches to the study of human behavior. Emphasis will be placed on their role in formulating the field of psychology as we know it today. Prerequisite: 12 hours in Psychology.

**PSY 406 CURRENT PROBLEMS IN PSYCHOLOGY 3**  
Explores selected theoretical problems in psychology. Current problems in psychological methodology will also be explored. Emphasis will be placed on theoretical solutions to these problems. Prerequisite: 18 hours in Psychology.

**PSY 407 METHODS OF RESEARCH 3**  
Gives attention to problems encountered by social science researchers. Methods and techniques of gathering and analyzing data will be discussed. Documentation of data for classroom activity and advanced study will be explored. Prerequisite: 327. (Same as SOC 407)

**PSY 408 THE PSYCHOLOGY OF SUBSTANCE ABUSE 3**  
Discusses the impact which alcohol and other commonly abused drugs have on human behavior. A recognition of the most widely abused drugs will be made. Solutions for eliminating the problems of abuse will be explored. Prerequisite: PSY 200.

**PSY 409 CLINICAL PSYCHOLOGY 3**  
Explores the history of clinical psychology. Roles of modern clinical psychologists and a description of assessment and therapy techniques used by these professionals. Emphasis will be placed on clinical assessment. Prerequisites: PSY 200, PSY 304, and PSY 327.

**PSY 413 INFERENCE STATISTICS 3**  
Discusses hypothesis testing and regression analysis. Univariate and multivariate techniques and parametric and nonparametric statistics will be emphasized. Correlation will be expanded to include partial and non-parametric statistics. Prerequisite: PSY 327. (Same as SOC 413)

**PSY 418 HEALTH PSYCHOLOGY 3**  
Studies personality dynamics and motivation. Emphasis on stress and its effect on human functioning will be given. The prevention of incapacitating mentality and personality disintegration will be made in this course. Prerequisite: PSY 200.

**PSY 420 PRACTICUM IN PSYCHOLOGY 3-6**  
Places students in clinical training in approved mental health agencies, community agencies, hospitals or institutions. The student will work under an agency supervisor. However, the approval of the agency setting and job responsibilities will rest with the course instructor. Prerequisite: a minimum of 18 hours in Psychology and upper junior or senior classification.

## PUBLIC ADMINISTRATION

**PA 201 ETHICS FOR PUBLIC SERVICE 3**  
Provides students with the tools necessary for making difficult moral choices, in both their personal lives as well as their professional lives. It motivates students to recognize, analyze, discuss and develop decision making-skills in regards to ethical issues in the public sector. Professional codes of ethics is the main focus.

**PA 404 PUBLIC FINANCE AND FISCAL POLICY 3**  
Studies effects of government spending and taxation on resources, incomes, prices, and employment. It also studies major

taxes employed at national, state, and local levels. Emphasis will be on current policy problems.

**PA 405 ADMINISTRATIVE LAW 3**  
Studies delegation of powers and elements of fair administrative procedures. It also studies judicial control over administrative determination. Emphasis will be on administrative law and procedures common to public agencies.

## READING

**READ 094 BASIC READING I 3**  
Emphasizes the development of basic reading skills including study skills, vocabulary, and comprehension.

**READ 095 BASIC READING II 3**  
Is the second course in a two part series which emphasizes vocabulary common to freshman textbooks and literature. Prerequisite: Reading 094 or a score of 13 to 15 on the ACT.

## SCIENCE

**SCI 101 PHYSICAL SCIENCE SURVEY I 3**  
Is a physical science course designed for non-science majors. Topics covered include the fundamental principles of physics and chemistry. Corequisite: SCI 103.

**SCI 102 PHYSICAL SCIENCE SURVEY II 3**  
Is a continuation of SCI 101. Topics covered include the fundamental principles of astronomy, geology, and meteorology. Corequisite: SCI 104.

**SCI 103 PHYSICAL SCIENCE SURVEY I LAB 1**  
Is a laboratory class designed to accompany SCI 101. Selected experiments in physics and chemistry are conducted. Corequisite: SCI 101.

**SCI 104 PHYSICAL SCIENCE SURVEY I LAB 1**  
Is a laboratory class designed to accompany SCI 102. Selected experiments in astronomy, geology, and meteorology are conducted. Corequisite: SCI 102.

**SCI 320 SCIENCE METHODS FOR SECONDARY EDUCATION TEACHERS 3**  
Is designed primarily for the secondary education major. It focuses on teaching biology, chemistry, and physics (7-12 teaching grades). Topics covered include the nature of science, scientific inquiry, incorporation of technology in science instruction, relationship between science and the community, and management of science activities. The course guide follows an integrated format that utilizes a team of science educators who will teach the course.

## SOCIAL SCIENCE

**SS 407 METHODS OF RESEARCH IN THE SOCIAL SCIENCES 3**  
Studies problems encountered by students in their fields of concentration. Emphasis will be on methods and techniques of gathering, analyzing, and documenting data for classroom activity and advanced study. It is required of all social science education majors.

## SOCIAL WORK

**SW 200 INTRODUCTION TO HUMAN SERVICES 3**  
Introduces students to the profession. Students examine the

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knowledge base, skills, and values of social work. The history of social welfare and the fields of practice are reviewed. A volunteer field experience is required which allows students to test their aptitude for the profession.

**SW 301 INTERVIEWING AND RECORDING 3**  
Introduces students to the process of interviewing and history taking. Students must demonstrate an ability to utilize interviewing and documenting skills in helping relationships with individuals and or families. (Elective).

**SW 304 ELEMENTARY STATISTICS 3**  
Introduces students to descriptive and rudimentary inferential statistics. Students are expected to use the contents of this course in describing research findings in a subsequent course.

**SW 307 CHILD WELFARE 3**  
Provides basic information on identifying children's needs and protecting their welfare. Students acquire information on programs, services, and laws which promote and protect children's well-being. The course emphasizes knowledge and skills for assessment and intervention. (Elective).

**SW 308 SOCIAL WELFARE LEGISLATION: POLICY AND PROGRAMS 3**  
Focuses on social welfare legislation, and the policies, programs and services that flow from such legislation. Students analyze social welfare policy within the context of the social and political milieu which spawn social welfare legislation. Prerequisites: ECON 201 or PS 201, SOC 203, and SW 200.

**SW 310 SEMINAR IN DISABILITY AND REHABILITATION 3**  
Introduces students to the wide range of conditions defined as disability and to rehabilitative services designed to respond to various disability needs. (Elective).

**SW 311 SOCIAL WORK WITH AGING 3**  
Uses a system's perspective to study the biological, psychological and social dimensions of aging and trends in public policy. With this knowledge students are taught skills for practice with the elderly.

**SW 399 INDEPENDENT STUDY 3**  
Provides an opportunity to explore areas of personal interest with faculty with expertise in the area. Students must be capable of independent work, have a faculty sponsor, and obtain approval of the dean.

**SW 400 HUMAN BEHAVIOR IN THE SOCIALENVIRONMENT I 3**  
Offers the first course of a two semester course on the reciprocal relationship between human behavior and the social environment. Focuses on the biological, psychological and sociological determinants of human behavior and how behavior influences the social environment and vice versa. Human growth and development traced from conception through early adolescence. The organizing framework for the course is ecological. Prerequisites: BIOL 103, PSY 200, SOC 201, and SW 200.

**SW 401 HUMAN BEHAVIOR IN THE SOCIALENVIRONMENT II 3**  
Continues the human behavior sequence by tracing human growth and development from later adolescence to the final stage of the life cycle. Prerequisites: SW 400.

**SW 402 SOCIAL WORK PRACTICE METHODS I 3**  
Provides knowledge and skills for generalist practice with individuals and families. Students are taught the fundamentals of the problem solving model of intervention. Prerequisite: SW 400.

**SW 403 SOCIAL WORK PRACTICE METHODS II 3**  
Enhances understanding of generalist social work practice by focusing on group process. Students examine theories related to groups, acquire depth in group dynamics and apply the problem solving model to problem resolution through group process. Prerequisites: SW 400, SW 401, and SW 402.

**SW 404 SOCIAL WORK WITH RURAL COMMUNITIES 3**  
Provides generalist social work knowledge and skills for practice with communities, specifically rural communities. Students are introduced to the community organization model of intervention. Prerequisites: SW 402, SW 403.

**SW 405 ETHNIC SENSITIVE SOCIAL WORK 3**  
Focuses on the knowledge base for understanding ethnic groups and developing skills for effective social work practice with culturally diverse populations.

**SW 406 RESEARCH METHODS AND DESIGN 3**  
Provides procedures for engaging in research. An overview of the scientific process, role of research in social work practice, ethical issues in research, and details of the research cycle from problem conceptualization to research design and data analysis are provided. Students gain hands-on experience with statistical programs. Prerequisite: SW 304 or PSY 327/SOC 327.

**SW 407 DATA COLLECTION AND ANALYSIS 3**  
Discusses data collection and analysis and the culmination of the final research proposal. It is proposed to permit students to follow the research process from beginning to completion. Prerequisite: SW 406.

**SW 410 FIELD INSTRUCTION I 4**  
Is the first of two sequentially supervised field instruction experiences in an approved social work agency which focuses on the development of beginning competency in the application of theory and skills acquired in the professional foundation courses to work with individuals, families, groups, and communities. Professional behavior, demonstration of social work ethics, use of the problem solving method, practical application of interviewing and recording skills, use of community resources and knowledge of the agency's fit in the human service delivery system are highlights of this course. Students spend three days per week in practicum during the fall semester. Prerequisites: SW 402.

**SW 411 FIELD INSTRUCTION SEMINAR I 1**  
Assists students in field work to systematically conceptualize and integrate the field experience with the generalist social work practice model. The seminar builds on and reemphasizes foundation content. Seminar discussion focuses on shared field work experience: social work ethics, professionalism, intervention strategies, and field instruction documentation.

**SW 412 FIELD INSTRUCTION II 4**  
Offers the second of the two sequentially supervised field instruction experiences in an approved social work agency which focuses on beginning integration of the ecological systems approach in the use of generalist practice skills, the use of the group as a medium of change, team work, use of supervision and the development of critical self-awareness especially concerning diversity, populations at risk and issues of social justice. Prerequisites: SW 403 or take concurrently.

**SW 413 FIELD INSTRUCTION SEMINAR II 1**  
Assists students in field work to systematically conceptualize and integrate field experience with the generalist social work practice model. Seminar discussion focuses on shared social work experiences, ethics, professionalism, diversity, social jus-

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tice issues, populations at risk, self-awareness, field instruction documentation, and plans for continued professional growth.

**SW 415 SOCIAL WORK WITH AFRICAN AMERICAN CHILDREN AND YOUTH 3**

Prepares social workers to work with African American children, youth, and families, particularly as these families are assisted through the child welfare system.

**SW 416 AFRICAN AMERICANS AND AGING 3**

Examines current issues and special problems of African American aged. Special attention will be devoted to issues of ruralness, public and private care arrangements, caregiver/client schemata and ethical concerns with this context.

## SOCIOLOGY

**SOC 200 CULTURAL ANTHROPOLOGY 3**

Presents an introduction and survey of the study of human life and behavior in past and present societies throughout the world. Emphasis will be placed upon theoretical approaches and problems of cultural change. The application of anthropology to practical concerns will be made, including social organizations, economics, politics and law.

**SOC 201 INTRODUCTION TO SOCIOLOGY 3**

Explores societal structure and function, the social framework within which social life takes place. Man's cultural environment, how it developed, and came to be reflected in human nature and behavior will be explored. Societal needs and goals will also be the subject of study in this course.

**SOC 203 SOCIAL PROBLEMS 3**

Focuses on the definition of social problems with special attention to causation. The manifestation of social problems will be investigated. The process and treatment of discordant social relationships which threaten the integration of society will also be examined. Prerequisite: SOC 201.

**SOC 301 RURAL/URBAN SOCIOLOGY 3**

Discusses community living in the rural settings, social changes resulting from the impact of urbanization and industrialization. An introduction to the sociology of the city will be emphasized. Attention will be given to economic, physical, and cultural factors and the impact and influences of increased industrialization. Prerequisite: SOC 201.

**SOC 303 INTRODUCTION TO SOCIAL GERONTOLOGY 3**

Entails a study for the aged and social factors that create the need for public concern. Public policy for the aged will also be investigated. Biological, psychological and sociological changes of the elderly will be examined.

**SOC 304 SOCIAL THEORY 3**

Provides a discussion and critical analysis of various sociological theories. Discussions will begin with the works of August Comte and continue to present day sociologists. Prerequisite: SOC 201.

**SOC 305 SOCIAL PSYCHOLOGY 3**

Focuses on the individual in relation to others. The nature and development of personality will also be emphasized. Social behavior and adjustments will be a major area of focus. (Same as PSY 305.)

**SOC 306 MINORITY GROUPS 3**

Studies ethnic minorities and people of various cultural and ethnic backgrounds in American society. Distribution and assimilation of cultural groups in society will also be discussed. Factors

in the adjustment of selected minority groups will be explored as well. Prerequisite: SOC 201.

**SOC 307 SOCIOLOGY OF RELIGION 3**

Provides an analysis of the nature of the sacred and attitudes toward the sacred. This course will include a comparison of the social organization of sect and church in relation to the larger society. New trends in religiosity and American religious practices will be explored. Prerequisite: SOC 201.

**SOC 308 HUMAN SEXUALITY: THE SOCIOLOGY OF SEX 3**

Provides a psycho-social analysis of the current perspectives in human sexuality in American society. Major theories will be discussed. Alternative life styles and sociological and psychological motivations of sexual behavior will also be explored. Prerequisite: SOC 201.

**SOC 310 SOCIOLOGY OF EDUCATION 3**

Explores the structure of educational institutions as reflected by society. Teachers, parents, children, officials and their interrelationships will be considered. The power structure of educational systems will be discussed. Prerequisite: SOC 201.

**SOC 311 INDUSTRIAL AND ORGANIZATIONAL SOCIOLOGY 3**

Discusses the sociology of industry and organizations. Labor-management relations, governmental regulations, the role of unions, power structures, and the distribution of labor will be explored. The organization of humankind will also be examined. Prerequisite: SOC 201.

**SOC 312 SOCIOLOGY OF DEVIANT BEHAVIOR 3**

Examines the historical changes in social behavior. An analysis of recent changes in social expectations and behavior that lead to deviance will also be explored. Focus will be on offenders, victims, and adaptations to change. Prerequisite: SOC 201.

**SOC 313 ENVIRONMENTAL SOCIOLOGY 3**

Focuses on the interaction of individuals and the ecological system. Emphasis will be placed on the status, conditions, and stimuli that compose the environment. The influence of the interaction of the environment on human kind and vice-versa will be explored. Prerequisite: SOC 201.

**SOC 318 ORIENTATION: ALCOHOL AND DRUG ABUSE 3**

Discusses theories and factors relevant to the use, abuse of and dependency on alcohol and drugs. The social, economic and psychological effects of alcohol and drug use will be explored. Treatment, prevention, current research, biomedical, neuropharmacological, epidemiologic, psychological and cost issues will be studied as well. Prerequisite: SOC 201

**SOC 319 ADVANCED RESEARCH METHODS AND LABORATORY 4**

Focuses on the research process, including developing a statement of the research problem, hypothesis testing, instrumentation, sampling, and data collection. Computer data processing, data analysis and interpretation, SPSS usage, and the development of a preliminary research proposal will be undertaken in this course. Prerequisite: SOC 201.

**SOC 320 DEMOGRAPHY 3**

Analyzes the growth, composition, distribution, morality and future trends of society. Particular references to the United States, population differentials, and theories of control will be examined including a study of Malthusianism. Prerequisite: SOC 201.

**SOC 327 DESCRIPTIVE STATISTICS 3**

Studies the relevant descriptive and inferential statistical analy-

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sis available in the behavioral sciences. Emphasis will be placed on the application of statistics to research in the behavioral sciences. Additional emphasis will be placed on the application of statistics to current problems in the behavioral sciences. (Same as PSY 327)

**SOC 401 SOCIAL ISSUES IN THE BLACK COMMUNITY 3**

Studies unequal power relations between Blacks and the dominant culture. Emphasis will be placed on organizations, power, and family. Special problems of the Black community will be discussed. Prerequisite: SOC 201.

**SOC 404 CRIMINOLOGY 3**

Discusses causative explanations of the nature of crime and criminals and their behavior. Society's reaction toward criminals and corrective institutions will be examined. Major theories of criminal behavior, current issues and problems in crime prevention and control will be studied. Prerequisite: SOC 201.

**SOC 405 SOCIOLOGY OF THE FAMILY 3**

Examines various sociological, economic, industrial, educational, recreational, and religious aspects of the family. Family theories and factors that contribute to the maintenance of happy marriages and healthy families will also be examined. Prerequisite: SOC 201.

**SOC 406 SOCIOLOGY OF VIOLENCE 3**

Explores possible causes and various contexts of violence. Positive solutions regarding violence in our country and in our world. Interdisciplinary insights and literature will be reviewed and discussed. Prerequisite: SOC 201.

**SOC 407 METHODS OF RESEARCH 3**

Gives attention to problems encountered by social science researchers. Methods and techniques of gathering and analyzing data will be discussed. Documentation of data for classroom activity and advanced study will be explored. Prerequisite: PSY 327. (Same as PSY 407)

**SOC 410 READING SEMINAR 3**

Presents a supervised reading and writing class. Discussion in this course will be designed to provide an indepth study of the classic works of the field. Emphasis will be placed on semi-independent study of past and current developments in the field. Prerequisite: Senior status.

**SOC 413 INFERENCE STATISTICS 3**

Discusses hypothesis testing and regression analysis. Univariate and multivariate techniques and parametric and non-parametric statistics will be emphasized. Correlation will be expanded to include partial and non-parametric statistics. Prerequisite: SOC 327. (Same as PSY 413)

**SOC 415 COUNSELING AND CLINICAL SOCIOLOGY 3**

Introduces the student to clinical sociology in which sociological concepts are applied to enhancing individual functioning. Theories and methods of sociology are applied to work for planned change as desired by the client. Several levels of intervention will be explored with greater emphasis on intervention with families. Prerequisites: SOC 201.

**SOC 417 INDIVIDUAL PROBLEMS IN SOCIOLOGY 3**

Provides an opportunity to intensively investigate a research or conceptual problem. This course will investigate current sociology problems and their impact on society. The course of study will be directed as deemed necessary by the official instructor. Prerequisite: Prior approval of the supervising instructor and the.

**SOC 418 WOMEN IN CROSS-CULTURAL PERSPECTIVE 3**

Emphasizes various traditional anthropological concerns as these are illuminated by a study of the position and behavior of women in traditional and modern societies. Topics will include: the "place" of women in the family, kinship network, political structure and economic structure. An exploration of women in the religious systems will also be made. Prerequisite: SOC 201.

**SOC 419 SOCIOLOGY OF SPORT 3**

Examines organized sports as a social institution and as related to other social institutions. Emphasis on sports participation and the role of sports in social change will be made. Prerequisite: SOC 201.

**SOC 420 PRACTICUM IN SOCIOLOGY 3-6**

Provides occupational training in approved organizations, agencies, or institutions. The student will work under an agency supervisor. However, the approval of the agency setting and job responsibilities will rest with the course instructor. Prerequisite: Eighteen hours in sociology or psychology with junior or senior status.

**SOC 422 SOCIOLOGY OF DEVELOPING SOCIETIES 3**

Provides a cross-cultural and interdisciplinary seminar. It will emphasize the social contexts and consequences of modernization. Areas to be studied will include Africa, Asia and Latin America. Prerequisite: SOC 201.

**SOC 423 SEMINAR: RESEARCH IN ALCOHOL AND DRUG ABUSE 3**

Focuses on the development of analytical writing and communication skills. Recent research in alcoholism, drug abuse and related problems will be discussed. The defense of research proposals will also be made in this course.

**SOC 424 HONORS RESEARCH PROJECTS 3**

Provides opportunity for trainees to work under supervision of advisors. Research projects and the defense of student theses will be undertaken. Scholarly papers will be written.

**SOC 425 SOCIOLOGY OF HEALTH AND MEDICINE 3**

Applies sociology to the field of health and medicine. Attention will be given to health in modern society. It will include the role of the medical practitioner in modern society, social factors, disease and responses to illness.

## SPANISH

**SPAN 101/102 ELEMENTARY SPANISH 6**

Provides students with the beginning elements of the Spanish language. These include pronunciation, comprehension, reading, and writing. These courses are designed for students who have little or no knowledge of the language. SPAN 101 is a prerequisite for SPAN 102.

**SPAN 201/202 INTERMEDIATE SPANISH 6**

Provides students with continued study of the objectives of Spanish 101, 102 and selected topics of interest. Spanish 101 and 102 are prerequisite courses for these classes. SPAN 201 is a prerequisiter for SPAN 202.

**SPAN 300/301 SPANISH CONVERSATION AND COMPOSITION 6**

Provides students with more advanced work in the Spanish language. Topics representative of contemporary Spanish culture and literature will be used. Students will also be expected to develop and write compositions. SPAN 200 is a prerequisite for SPAN 300; SPAN 300 is a prerequisiter for SPAN 301.

# UNDERGRADUATE COURSES OF INSTRUCTION

## **SPAN 302/303 GENERAL SURVEY OF SPANISH AND SPANISH-AMERICAN LITERATURE 6**

Gives students a general knowledge of the important works of literature written in the Spanish language. Students will be expected to do an indepth study of a particular work or author.

## **SPAN 304 SURVEY OF SPANISH CULTURE 3**

Provides students a rapid survey of all aspects of Spanish and Spanish-American culture and civilizations. Students will also be provided a historical background of major contributions of the Spanish world in art, literature, and modern customs. SPAN 300 is a prerequisite.

## **SPAN 305 MEXICAN CULTURE 3**

Provides students with an "on the scene" exploration of Mexico's culture from a socio-linguistic point of view. Students are expected to build their vocabularies and to improve their writing and reading skills in the language. Directed topics are assigned the students to develop compositions using simple and compound tenses, adverbial and adjectival expression, in conjunction with information about the Mexican Family, Mexico's Educational System; the Mexican Cuisine; and other aspects of the Mexican Culture. Students are expected to maintain a log of their daily meals and activities. Students will carry out these topics, etc. in Spanish. A written paper on some aspect of the Mexican culture is required to complete this course.

## **SPAN 400 SPANISH LITERATURE OF THE MIDDLE AGES THROUGH THE GOLDEN AGE 3**

Provides students with a background in Spanish literature from its origin to the Golden Age. Spanish 400 offers a representative selection of Spanish Peninsular literature from the earliest works to those of the mid-seventeenth century. Students are to read extracts of the most representative writers of the period starting with the epic poem of the Cid through Don Quijote, and selected masterpieces of Quevedo, Lope de Vega, and others. SPAN 200 and 301 are prerequisites.

## **SPAN 408 SPANISH CIVILIZATION 3**

Provides students with a background in Spanish civilization and an opportunity to learn the enduring influence that Spain has exercised through the centuries, on the course of history-both in Europe and in the Western Hemisphere. The course reviews the history of this pivotal country from prehistoric times to the present day. A written report is required. SPAN 300 and 301 are prerequisites.

## **SPAN 409/410 INDEPENDENT STUDY 6**

Provides students with the opportunity to study one or more topics in depth. At least one formal report must be undertaken in each course. The courses are based on the student's individual needs and interests. SPAN 300 and 301 are prerequisites.

## **SPAN 425 THE NOVEL IN MEXICO 3**

Provides students with a study of outstanding novels from 1800 to contemporary times. The different types of novels will be discussed (the Colonial Novel, the Romantic Novel, the novels during the Mexican Revolution, etc.). Emphasis will be placed on the novels of the 20th century. SPAN 300 and 301 are prerequisites.

## **SPAN 470 SPANISH PHONETICS 3**

Provides the student with a theoretical background of phonetics and phonology and a systematic and workable program for aiding him/her to speak Spanish. Special laboratory practices will be used in the course. English and Spanish sound systems will be contrasted. SPAN 300 and 301 are prerequisites.

## **SPAN 480 COMMERCIAL SPANISH 3**

Provides students a study of commercial forms and styles for

use in Spanish correspondence and business. Specific Spanish vocabulary for different careers will be taught. SPAN 300 and 301 are prerequisites.

## **SPEECH AND THEATRE**

### **ST 100 INTRODUCTION TO THE THEATRE 3**

Surveys various phases of theatre in relation to historical development. Students will examine dramatic literature and aesthetics of the theatre. The student will get practical experience in stagecraft and lighting by devoting two hours per week in the laboratory.

### **ST 101 VOICE AND DICTION 3**

Explores the physical mechanism for vocalization. Students will develop effective voice control while making presentations. Students will also improve voice and diction through specific exercises.

### **ST 105 BEGINNING DANCE TECHNIQUES 2**

Introduces the basic principles of dance. These principles will include placement, rhythm, space and techniques. Each student will present a final project in class. (Elective)

### **ST 106 LESTER HORTON MODERN DANCE TECHNIQUES I 3**

Introduces students to the basic Lester Horton techniques of modern dance. This course will also provide the students with self-discovery and self-discipline. Ultimately, the students will develop self-expression in the art form of dance. (Elective)

### **ST 107 INTERMEDIATE DANCE TECHNIQUES: BALLET II 3**

Provides opportunity for the intermediate ballet student to learn ballet vocabulary, movement and theory. Each student will participate in a final project.

### **ST 108 JAZZ I 2**

Provides opportunity to introduce the beginning jazz student to stylized and modern jazz as well as theory.

### **ST 110 TAP I 2**

Provides opportunity to introduce the beginning tap student to tap vocabulary, movement techniques and theory.

### **ST 162 INTRODUCTION TO COMMUNICATION DISORDERS 3**

Places emphasis on normal speech development, delayed speech, emotional problems (resulting from speech disorders), and articulation errors.

### **ST 201 STAGE MAKE-UP 1**

Covers the history of basic types of make-up and its application. Each student will work on make-up crews for major productions. Each student will use the theatre as a laboratory for projects.

### **ST 202 THEATRE WORKSHOP 1**

Provides credit for students through laboratory work in the F. L. Sandle Theatre. Two hours of laboratory work per week are required for one semester hour of credit. This course is open to non-majors.

### **ST 203 HISTORY OF THE THEATRE I 3**

Covers a period of theatre history from the 6th Century to the 15th Century. The course includes a study of plays, playwrights, actors and actresses. The course will also cover theatre architecture and production techniques.

### **ST 204 HISTORY OF THE THEATRE II 3**

Covers a period of theatre history from the 16th Century to the

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present day. Students will study plays, playwrights, actors, actress and directors. The course will also cover developing trends in theatre arts and production.

**ST 205 DANCE FOR THE THEATRE 3**

Provides opportunity for students to learn techniques in jazz, modern and ballet to enhance the proper execution of these skills. Emphasis will be applied to the specific areas of theatrical dance, varying from the Elizabethan court dance to modern musicals.

**ST 206 MOVEMENT FOR THE STAGE 3**

Focuses on the development of body images and awareness, spatial improvisation, warm-up and unarmed combat techniques. The student will study the history of body movement.

**ST 208 SPEECH ARTS 3**

Provides opportunity for the classroom teacher to cover principles developed in the organization of speech, language and style. Concepts on the speaking voice, articulation and pronunciation, body action and methods of presentation will be covered. This course is required for all elementary education majors.

**ST 209 INTERPRETATIVE READING 3**

Introduces the student to various authors from the Greek period to the present. Emphasis will be placed on using the voice and body to interpret the work of specific authors.

**ST 210 ORAL GRAMMAR 3**

Develops proficiency in oral grammar. Extensive practice in the usage of acceptable spoken grammar will be the focus. The course is open to all levels.

**ST 211 ACTING 3**

Introduces students to various styles and techniques of acting. The students will develop techniques in formal and informal styles of acting.

**ST 212 FUNDAMENTALS OF PUBLIC SPEAKING 3**

Introduces students to the use of the speech mechanism in speech-making. Students will learn how to write original speeches for all occasions. Students will also present orally at least four major speeches in class.

**ST 214 PHONETICS 3**

Provides a scientific study of the sounds of language. It is basically confined in use to English but is often inclusive of other languages such as French, German, and Spanish. All standard dialects of American English are highly emphasized.

**ST 216 SPEECH AND HEARING SCIENCE 3**

Provides physiological, anatomical and neurological aspects of speech and hearing. It deals with fundamental frequencies, sound waves, amplitudes, spectrograms, and logarithms. Neural integrity, mass weight and structure of parts are also inclusive.

**ST 220 STUTTERING 3**

Provides an expanded background in the basic concepts of stuttering. Diagnostic and therapeutic techniques are provided. Case studies are also included.

**ST 221 NORMAL SPEECH AND LANGUAGE DEVELOPMENT 3**

Provides prelingual and lingual characteristics of speech development. Major emphasis is placed on speech sounds and language development of normal children. Theories of language development are also inclusive within this course study.

**ST 223 ARTICULATION DISORDERS 3**

Provides a study of the nature, etiological factors, and various therapeutic techniques pertaining to articulation disorders. Stan-

dardized articulation tests will be discussed and demonstrated. Prerequisite: ST 214.

**ST 224 AUDIOLOGY: THE STUDY OF THE HEARING MECHANISM 3**

Provides basic information on the anatomy of the hearing mechanism. Information will be thoroughly discussed on the process of hearing. Types of disorders and remediation procedures for these disorders will be studied.

**ST 225 HEARING TESTING 3**

Provides major emphasis on different types of hearing tests. It will also provide systematic consideration of the variables which deal specifically with the measurement of hearing. Clinical application of hearing tests and 25 clinical hours are required. Prerequisite: ST 224.

**ST 227 BEGINNING MANUAL COMMUNICATION 3**

Provides an introduction to the basic principles of Manual Communication. It includes finger spelling and vocabulary recognition skills. Instruction and practice will be designed for minimum competence in conversation.

**ST 228 INTERMEDIATE MANUAL COMMUNICATION 3**

Continues the basic skills of ST 227. Instruction and practice allow the student to increase Manual Communication skills for use in instructional situations and conversations. Prerequisite: ST 227.

**ST 229 ADVANCED MANUAL COMMUNICATION 3**

Continues skills acquired in ST 227 and ST 228. Its purpose is to provide sign communication skills above the basic level by introducing additional extensive vocabulary and ASL (American Sign Language). Exercises will involve receptive and expressive sign skills. Prerequisite: ST 228.

**ST 230 FOUNDATIONS OF EDUCATION TO THE HEARING IMPAIRED 3**

Introduces students to teaching the hearing impaired. It is to develop an awareness of the wide range of psychological and educational needs of the hearing impaired. It will also deal with the development and behavior of this particular population.

**ST 231 PSYCHOLOGY OF THE HEARING IMPAIRED 3**

Surveys the development and adjustment of the hearing impaired in emotional, educational, communicative, employment, and cultural environments. Course content includes a survey of services and programs available.

**ST 234 EDUCATIONAL ASSESSMENT OF THE HEARING IMPAIRED 3**

Addresses the administration and or adaptation of assessment tools in speech, language, academic, and cognitive areas. These areas will be related to I.E.P.'s, programming, and classroom procedures. Students will be required to administer tests as part of the classroom coursework.

**ST 300 AURAL REHABILITATION 3**

Provides principles, materials, and practices in the treatment of the hard of hearing individual. It provides a survey of classical speech-reading procedures. It also emphasizes a combined approach to speech reading and includes auditory training. Prerequisite: ST 224

**ST 301 SPEECH METHODS IN THE ELEMENTARY AND SECONDARY SCHOOLS 3**

Provides an analysis of objectives and curriculum development in Speech Pathology. Critical examinations of methods and materials to be used for the diagnosis and correction of the most



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common speech problems found in elementary and secondary schools will be taught. Students will be required to do lesson plans, I.E.P.'s and bulletin boards as requirements for the class.

**ST 302 DIAGNOSTIC PROCEDURES 3**  
Provides practice in clinical testing and diagnostic report writing. Each student is required to do screening and diagnostic testing. Twenty-five (25) clinical clock hours are required. Prerequisites: ST 161, 214, 220, 221, 223, and 225.

**ST 303 CLINICAL PRACTICE 3**  
Provides a practicum course for students who anticipate working with speech, language, and hearing disabilities. Individual clients will be assigned along with some group therapy at various practicum sites. Seventy-five (75) clock hours are required. Prerequisites: ST 301 and ST 302.

**ST 304 CLINICAL PRACTICE 3**  
Is a continuation of ST 303. More group clients will be assigned and additional clinical sites. Seventy five (75) clock hours are required. Prerequisite: ST 303.

**ST 306 ARGUMENTATION AND DEBATE 3**  
Covers the principles of argumentation and debate. Specific attention will be given to analysis of propositions and rules of competition. The students will learn the techniques of delivery and research for debate through technology, courtroom observation, logic and individual study.

**ST 307 STAGE AND STUDIO LIGHTING 3**  
Examines principles, tools, and treatment of lighting for theatre. Emphasis will be placed on concepts of talent, the blocking of actors, stage or set design, and their relationships to lighting situations. Professional experiences are furnished at the Floyd L. Sandle Theatre.

**ST 308 STAGE COSTUMING 3**  
Introduces the students to various types of costumes. Costume types and construction techniques will be examined from ancient times to the present. Students are required to devote at least two hours per week in the laboratory.

**ST 309 STAGECRAFT I 3**  
Examines elementary essentials of the stage crews and their function. Methods and procedures in the planning, constructing and painting of scenery will be treated. Students are required to devote two hours per week in the laboratory.

**ST 310 STAGECRAFT II 3**  
Provides additional training for technical theatre majors in constructing complete scenic and property elements. This course is a continuation of ST 309. Each student will devote at least two hours per week in the laboratory.

**ST 311 MODERN DRAMA 3**  
Examines mature periods in the literature of American theatre. Plays and playwrights from naturalistic plays to Arthur Miller's middle-class tragedies will be covered. Students are required to analyze from twelve to fifteen plays.

**ST 312 THEATRE OF BLACK AMERICANS 3**  
Covers a historical and contemporary study of plays, theatrical figures, and actors of Black America, both past and present. A survey of dramatic literature of the genre, as well as a survey of producing organizations, both past and present will be covered. The changing role of the Black American in the theatre will be studied. This course is open to non-majors.

**ST 313 DANCE HISTORY 3**  
Covers the evolution of dance from Ancient Civilization through the present day. A study of dance personalities during the peri-

ods will be covered. The different dance techniques will be examined.

**ST 314 SCENE DESIGN I 3**  
Offers a studio course in design, perception, conception, and presentation. Emphasis is placed on drafting for the stage and the construction of the scenic model. Prerequisite: Advanced undergraduate standing or permission of instructor.

**ST 315 DANCE COMPOSITION 2**  
Offers a course designed for intermediate and advanced dance students. It will introduce students to the elements of choreography. Students will also explore the development of movement.

**ST 317 STAGECRAFT PRACTICUM 3**  
Continues the concepts in Stagecraft II at an advanced level. Practical applications are mandatory for success of the course. Prerequisites: ST 100, ST 307, ST 309, ST 310, and ST 314.

**ST 320 VOICE DISORDERS 3**  
Studies the nature, types, and etiological factors of voice disorders. Therapeutic techniques will be emphasized in this study. Case studies will be provided.

**ST 330 TEACHING LANGUAGE TO THE HEARING IMPAIRED 3**  
Analyzes the grammatical conversational aspects of the English language. It will provide the student with insight as to how this information can be used to diagnose linguistic and conversational difficulties in hearing impaired children. Designing of language programs will be emphasized.

**ST 334 METHODS OF TEACHING ACADEMIC SKILLS TO HEARING IMPAIRED 3**  
Provides strategies and procedures for teaching sequential skills in all academic areas. This includes teaching the hearing impaired using available and adaptable curricula. Prerequisite: ST 234.

**ST 402 PLAY PRODUCTION 3**  
Introduces the students to more advanced phases of producing a play. Emphasis will be placed on selecting a play, directing and staging, lighting and costuming children on the elementary and secondary level.

**ST 404 PLAYWRITING 3**  
Introduces students to the art of playwriting. Emphasis will be placed on material, character, conflicts, unity, dramatic action, and suspense. Each student is required to write dialogue in the form of a play.

**ST 406 CREATIVE DRAMATICS FOR CHILDREN 3**  
Examines the concepts applied to ways and means of using creative dramatics. Students will learn the specific types of materials used for different age levels.

**ST 408 ADVANCED ACTING 3**  
Provides practical experience in creating character roles in plays of differing genres. The student will learn advanced techniques in use of voice and body on the stage in informal and formal styles.

**ST 412 APHASIA 3**  
Provides an expanded background in the basic concepts of aphasia. The course content deals with the theories of etiology and proper therapy for aphasia. Case studies on Aphasia will be examined.

**ST 413 COMMUNITY DRAMA 3**  
Studies concepts used in organizing a community theatre. Emphasis will be placed on staging activities for a community the-

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atre including royalties, budgeting and the selection of plays. Community adults may be used for participation in productions.

**ST 414 AMERICAN DRAMA 3**  
Studies the development of American Drama. Early playwrights and plays written on American life will be examined. A research project is required by each student. (Elective)

**ST 420 LANGUAGE DISORDERS 3**  
Teaches the theories and therapeutic techniques involving language impairment of adults and children with disorders and delays derived from traumatic brain injuries, hearing impairments, and emotional disturbances.

**ST 422 STAGE AND STUDIO LIGHTING II 3**  
Exposes the technical theatre major to extensive experiences in the areas of stage and studio lighting. Emphasis is placed on technical performance and application in lighting designs and execution. Prerequisites: ST 202, ST 307, ST 309, ST 314, ST 402.

**ST 424 STAGE COSTUME II 3**  
Provides extensive practical training on the advanced level. Emphasis is placed on researching, designing, and constructing costumes that adhere to guidelines for specific time periods of the play. Costume, equipment maintenance, and costume shop organization serve as primary objectives. Prerequisites: ST 100, ST 203, ST 204, ST 308, ST 402.

**ST 430 INDEPENDENT STUDY I, II, III 3**  
Provides a student the opportunity to complete requirements for graduation. The student will enroll and work independently with an assigned instructor. This course may be repeated for credit up to three times.

**ST 434 PLAY DIRECTING 3**  
Introduces the student to principles of play directing. Students are required to select a play, choose characters, and schedule rehearsals. The student is further required to present the complete production to the public.

**ST 436 CLINICAL PRACTICE I, II, III 1**  
Offers this course for students who have not completed clinical hours in ST 303 and ST 304. Additional clinical sites will be provided. Individual and group therapy for clients will be required. This course may be repeated for credit up to three times.

**ST 438 PRACTICUM IN HEARING IMPAIRMENT 3**  
Provides guided experience in auditory training. The student will gain experience in teaching speech and language, academic skills, and content information to the hearing impaired children and youth. Prerequisite: Permission of advisor and completion of ST 334.

**ST 439 INTERNSHIP IN EDUCATION OF THE DEAF/HEARING IMPAIRED 3**  
Provides practical experience at a public or private facility. It is also designed to address the academic needs of the deaf and/or hearing impaired child. Students will work under close supervision of deaf education teachers or practitioners. Prerequisite: Permission of advisor; senior level students.

### STATISTICS

**STAT 271 INTRODUCTORY STATISTICS 3**  
Exposes students to data collection, graphical organization and summarization of data, numerical summarization of data, basic rules of probability and probability distributions of random vari-

ables, sampling distributions, estimation and confidence intervals, and hypotheses testing about parameters. Prerequisite: College admission. Note: Mathematics and computer science majors should not take this course.

**STAT 273 PROBABILITY AND STATISTICS I 3**  
Introduces students to analysis of data, descriptive and inferential statistics, measures of dispersion, probability laws and special probability distributions of random variables, sampling distributions and estimation, hypothesis testing involving one mean and one proportion, linear correlation and regression. Prerequisite: A grade of C or better in MATH 131 or Math 147.

**STAT 274 PROBABILITY AND STATISTICS II 3**  
Focuses on inferences, involving two parameters, analysis of variance, non-parametric methods, chi-square applications, multiple regression and correlation analysis, time series and forecasting and index numbers. Prerequisite: A grade of C or better in STAT 273.

**STAT 373 STATISTICAL METHODS I 3**  
Provides an analysis of ranked data, introduction to decision-making, elements of a decision, decision-making under conditions of uncertainty, expected payoff and opportunity loss. Advanced sampling methods, stratified random sampling, cluster sampling, systematic sampling, and the problem of non-response. Acceptance sampling, types of sampling plans. Prerequisite: A grade of C or better in STAT 274.

**STAT 374 STATISTICAL METHODS II 3**  
Provides a brief history of quality control, purpose and types of quality control charts, in-control and out-of-control situations, Deming approach towards the achievement of quality, and the measurement of total quality management. Prerequisite: A grade of C or better in STAT 274.

**STAT 470 STATISTICAL METHODS III 3**  
Focuses on multivariate analysis, multivariate normal distribution, discriminant analysis, principal components, factor analysis, and fundamentals of factorial designs. Prerequisite: A grade of C or better in STAT 373.

**STAT 471 STATISTICAL METHODS IV 3**  
Focuses on statistical quality control, modeling process quality, inferences about process quality, moving average control charts, process capability analysis, and process optimization. Prerequisite: A grade of C or better in STAT 374.

**STAT 473 EXPERIMENTAL DESIGN 3**  
Exposes students to methods of constructing and analyzing designs for experimental investigations, concepts of blocking, randomization and replication, experimental unit techniques, complete block design, confounding in factorial experiments, incomplete block designs, and response surface methodology. Prerequisite: A grade of C or better in STAT 374.

**STAT 474 SAMPLING TECHNIQUES 3**  
Focuses on methods of constructing and analyzing designs for survey investigations, simple random, stratified, multistage, and multiphase sampling design; questionnaire construction; methods of estimation technique of survey investigation. Prerequisite: A grade of C or better in STAT 374.

### ART

**ART 500 ART HISTORY SEMINAR 3**  
Studies the art of foreign lands. Emphasis will be placed on art

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in relation to the life, time, and environment that produced it. This is an independent study course taken when students are visiting in another country.

**ART 501 ART HISTORY SEMINAR II 3**  
Studies the art of foreign lands. Emphasis will be placed on art in relation to the life, time, and environment that produced it. This is an independent study course taken when students are visiting in another country.

**ART 522 ART AND CONFLICT 3**  
Explores the use of art to express moral conflict with emphasis on art as the impetus for change in social and cultural values. The examination of art as a reflection of the disintegration of values in society will also be studied. Students will examine works of art and relate them to cultural changes within the society that created them. Critical analysis of art works, research, and writing skills will be emphasized.

**ART 523 ART AND IMAGES 3**  
Explores the artistic images which represent man, deities, and idols in various cultures. The effect of mass media on images of popular culture will also be studied. Emphasis will be placed on the influence of visual imagery in developing a cultural perception of man and gods. Students will examine images as a reflection of the society that produced them and relate them to cultural attitudes. Critical analysis of art works, research, and writing skills will be emphasized.

**ART 524 ART AND THE PLACE 3**  
Explores places of worship or holy places. The areas of emphasis will include rivers, cities, and walls, in various cultures. The study will focus on the spiritual and material needs and values of a culture as expressed through its art.

**ART 525 SPECIAL ART PROJECT 3**  
Assists in executing a special art problem. The student will plan and execute largely through independent effort with consultation and approval of an advisor. Special permission is required of the department head prior to registration for this course.

**ART 526 ORIGINS OF AMERICAN ETHNIC ART 3**  
Surveys the influences of African and indigenous people of the Americas on the art of Native Americans, Mexican Americans, and African Americans. Emphasis will be placed on the arts, crafts and architecture of these groups from prehistoric era to present. Critical analysis of art works, research, and writing skills will be emphasized.

**ART 528 ART AND COMMUNICATION 3**  
Explores art as a means of communication in various cultures from the prehistoric era to the present. Students will explore the use of symbolism and images to communicate ideas, sell products, and influence thinking. Critical analysis of art works, research, and writing skills will be emphasized.

## BIOLOGY

**BIOL 500 ENVIRONMENTAL BIOLOGY 4**  
Provides lectures, conferences, demonstrations, and laboratory work considering man's health and physical needs in relation to his past, current, and future environmental situation. Special emphasis on the biological nature of man, healthful living, occupational and recreational conditions, environmental pollution, and public health organizations and functions. Prerequisite: Completion of lower division natural science requirement.

**BIOL 502 GENERAL PHYSIOLOGY 4**  
Studies fundamental principles of cellular and organismal phys-

iology as related to life processes in plants and animals. Emphasis upon biophysical principles, metabolism, enzymes, and the role of energy in living system.

**BIOL 507 HISTORY OF BIOLOGY 4**  
Studies the development of scientific concepts, theories, and philosophies from the classical Greek period to the present. Emphasis on contributions made by various civilizations to the growth of specific areas of biology. Prerequisite: Consent of instructor.

**BIOL 511 VERTEBRATE ZOOLOGY 4**  
Studies vertebrates in their environment with emphasis upon systematic, phylogenetic relationships, ecology, distribution and morphology of the different classes of vertebrates.

**BIOL 513 SPECIAL PROBLEMS 4**  
Explores specific areas of interest independently under supervision of any member of the biology graduate faculty. Prerequisite: Consent of instructor.

## CHEMISTRY

**CHEM 500 CHEMICAL PRINCIPLES 3**  
Focuses on areas of general chemistry that often give the student most difficulty. Topics covered include oxidation/reduction reactions, electronic structure, nuclear chemistry, acids & bases and descriptive inorganic chemistry. The course may also include chemical demonstrations. Prerequisite: One year of college chemistry.

**CHEM 510 CHEMISTRY FOR MIDDLE AND SECONDARY SCHOOL TEACHERS 3**  
Focuses on increasing effectiveness and creativity in areas of chemistry, including chemistry theories and innovative teaching techniques that utilize emerging technologies. This course is designed for those students that are considering or currently teaching in the middle and secondary school system.

**CHEM 515 NEW TECHNOLOGIES IN TEACHING SCIENCE FOR MIDDLE AND HIGH SCHOOL TEACHERS 3**  
Provides opportunity for middle and high school science teachers (general science, physical science, biology, and chemistry) to explore the relationship between basic concepts in science content areas by participating in various activities. Instruction will focus on "hands-on" technology driven laboratory activities that are related to chemical principles. The strategies learned will develop participant interest in concepts, explore the basic relationships found among those concepts, and then apply understandings of the relationships to real-life experiences. Teachers will also have the opportunity to apply what they are learning by designing student activities.

**CHEM 526 ADVANCED ORGANIC CHEMISTRY 3**  
Focuses on advances that have been made in the area of synthetic organic chemistry, including retrosynthesis, protecting groups and regioselective reactions. CHEM 526 is not available for students that have taken CHEM 420 and received a grade of B or better. Prerequisite: A grade of C or better in CHEM 224.

**CHEM 550 INDEPENDENT STUDY/RESEARCH 2-6**  
Emphasizes the design and management of a research project. The student will select a well-defined project and execute a thorough investigation. A research paper using the ACS style guide format must be written. Prerequisite: Approval by the Chemistry

# GRADUATE COURSES OF INSTRUCTION

**CHEM 552 SPECIAL TOPICS IN INORGANIC/  
PHYSICAL CHEMISTRY 2**

Keeps the student abreast of advances made in the areas of inorganic and physical chemistry, including catalysis; industrial processes; quantum mechanics; statistical thermodynamics; and surface chemistry. The student will be required to write a manuscript on a selected topic. This class is not available for students that have taken CHEM 452 and received a grade of B or better. Prerequisite: A grade of C or better in CHEM 342.

**CHEM 561 BIOCHEMISTRY 3**

Focuses on the intermediary metabolism of the primary cell constituents. The student is required to write a written manuscript on a selected topic. CHEM 561 is not available for students that have taken CHEM 461 and received a grade of B or better. Prerequisite: A grade of C or better in CHEM 224.

**CHEM 570 POLYMER CHEMISTRY 3**

Emphasizes the mechanism of polymerizations, Ziegler-Natta Polymerization and stereochemistry. The student will be required to thoroughly research a topic and give an oral presentation on the topic. CHEM 570 is not available for students that have taken CHEM 470 and received a grade of B or better. Prerequisite: CHEM 342 or on recommendation of the Chemistry .

**CHEM 571 SEMINAR 1**

Focuses on presentation skills and advances being made in chemistry. The student is required to give a technical presentation on a selected topic. Attendance at seminars given by invited speakers is also required.

## COMPUTER SCIENCE

**CS 501 THE MICROPROCESSOR AND  
CAI MATERIALS FOR THE  
SECONDARY TEACHER 3**

Introduces secondary school teachers to the use of computers in the classroom. Topics include a survey of available technologies and teaching resources. The course emphasizes hands-on experiences. Prerequisite: Graduate School admission.

**CS 502 THE DEVELOPMENT AND  
USE OF CAI MATERIALS 3**

Introduces secondary school teachers to the design and development of computer-based teaching material. Topics include a survey of available packages and resources. The course emphasizes hands-on experiences. Prerequisite: Graduate School admission.

**CS 505 A SURVEY OF COMPUTER SCIENCE 3**

Covers the scope of computer science. Its goal is to familiarize students with the main areas of the discipline and how the areas relate to each other. Students will also study the social and ethical issues arising from the dominance of information technology in society. Prerequisite: Graduate School admission.

**CS 519 COMPUTER NETWORK 3**

Covers the rationale for the OSI reference model and the functions of its layers. Representative communication protocols are studied. The course also covers the characteristics of various communication media and network topologies. Students are introduced to tools and techniques for measuring and analyzing the performance of networks. Students are required to submit and present a research-quality paper or project. Prerequisite: A grade of C or better in CS 310, CS 320, CS 336, and CS 345; and Graduate School admission.

**CS 526 INTRODUCTION TO ARTIFICIAL  
INTELLIGENCE 3**

Surveys the breadth of the field of artificial intelligence. It also covers the issues involved in the design and implementation of programs that exhibit intelligent behavior. Topics include knowledge representation, planning, reasoning, control, search, and heuristics. Students are required to submit and present a research-quality paper or project. Prerequisites: A grade of C or better in CS 310, CS 320, CS 336, and CS 345; and Graduate School admission.

**CS 545 OPERATING SYSTEMS 3**

Introduces students to the evolution, structure, functions, and services of operating systems. Topics include resource management, performance, and security. Different operating systems are contrasted and compared. Students are required to submit and present a research-quality paper or project. Prerequisites: A grade of C or better in CS 310, CS 320, CS 336, CS 345, and Graduate School admission.

**CS 550 INTRODUCTION TO PARALLEL  
PROCESSING 3**

Covers the different architectures of multiprocessor computer systems. Topics include interconnection networks, memory distribution, performance, and scalability. The course also covers the development of parallel algorithms and their portability across different architectures. Students are required to submit and present a research-quality paper or project. Prerequisites: A grade of C or better in CS 310, CS 320, CS 336, CS 345 and CS 414; and Graduate School admission.

**CS 562 SPECIAL TOPICS IN SOFTWARE  
ENGINEERING 3**

Varies its content that is determined by advances in the field of software engineering and the interest of the faculty. Students are required to submit and present a research-quality paper or project. Prerequisites: A grade of C or better in CS 310, CS 320, CS 336, and CS 345; and Graduate School admission.

## CRIMINAL JUSTICE

**CJ 500 OVERVIEW OF THE CRIMINAL  
JUSTICE SYSTEM 3**

Surveys the criminal and juvenile justice systems with an emphasis on the nature and sources of justice and social control mechanisms. Included is an analysis of the design functions, operations, and administrations of the justice systems. The course is required of students without adequate undergraduate academic preparation in criminal justice.

**CJ 501 SEMINAR IN CRIMINAL LAW  
AND PROCEDURE 3**

Provides an in-depth examination of the general principles of criminal law and procedures. The study of the sources, uses, and limitations of criminal liability and criminal defenses; statutory and common law crimes, crimes against property and person, "victimless" crimes, and "administrative" crimes are included. There is also a detailed analysis of criminal law processes from arrest through conviction and appeal. This course is required of all students without adequate undergraduate preparation in criminal justice.

**CJ 505 THEORIES OF CRIME AND DELINQUENCY 3**

Provides an intensive overview of the major theories of crime and delinquency. Sociological, psychological, and biological theories from the 18th century to the present day are studied. Classical and neo-classical, social disorganization, social strain,

## GRADUATE COURSES OF INSTRUCTION

labeling, control, and conflict theories are particularly emphasized. CJ 505 is required of all students.

**CJ 506 SEMINAR IN DEVIANT BEHAVIOR 3**

Consists of the analysis of the theoretical and empirical bases of deviant behavior, the relationship between deviance and crime, and the importance of deviant behavior for general sociological theory. A critique of the social generation of deviant situations is presented. Also, the political context of deviant identities in contemporary society is explored.

**CJ 510 COMPARATIVE CRIMINOLOGY AND CRIMINAL JUSTICE SYSTEMS 3**

Surveys contemporary etiological and epidemiological studies of crime and criminal behavior in Western Europe, the former Communist Bloc nations, and Third World countries. The justice systems of these countries are studied and compared to that of the United States.

**CJ 511 TERRORISM 3**

Looks at the organizational and functional components of terrorism on a global scale. It analyzes the causes of international terrorism and the dynamics of select target strategies. Measures to counteract terrorist activities at the national and international levels are also studied.

**CJ 512 VICTIMOLOGY 3**

Studies the victims of crime. It includes an analysis of the dimensions, sources, impact and implications of victimization, and the relationship between the victim and agencies in the Criminal Justice system. Victim advocacy programs are also discussed.

**CJ 513 WOMEN IN THE JUSTICE SYSTEM 3**

Examines the roles played by women in different aspects of the criminal justice system. The roles of women practitioners in the criminal justice system are examined along with the interpersonal and structural dynamics involved in their work. Women as criminals and prison inmates are studied in depth. Also considered are the unique aspects of being a female crime victim.

**CJ 515 THE CONSTITUTION AND THE JUSTICE PROCESS 3**

Provides an intensive study of the historical development and current status of constitutional doctrine in relation to the administration of justice. It utilizes the opinions of the U.S. Supreme Court as the basis for analyzing equal protection under the law, police practices, and the fundamental rights guaranteed in the Bill of Rights. Both federal and state constitutional laws as they relate to the criminal justice system are studied.

**CJ 516 SOCIOLOGY OF LAW 3**

Analyzes the role of law in society. It examines the social construction of the law and its social interpretation. Also explored is the selective enforcement of the law and how it can serve as a vehicle for social change.

**CJ 518 ETHICS IN JUSTICE 3**

Examines ethical quandaries and moral dilemmas that face criminal justice functionaries. Included is a critical examination of the philosophy underlying the U.S. criminal justice system that ostensibly guarantees impartial, equal, and fair treatment under the law for all citizens.

**CJ 519 SPECIAL TOPICS IN JUSTICE 3**

Offers specialized topics which deal with the in-depth study of specific aspects of justice systems and the etiology of crime and delinquency not covered in other courses. Topics may include victimless crimes, violent crimes, crime and mental illness, and so forth. This course may be repeated with change in content. Formerly CJ 596.

**CJ 520 POLICE MANAGEMENT AND POLICY 3**

Studies police management styles with their operational correlates. The framing of policy guidelines, policy analysis, the implications of policy on management, and the choices of policy alternatives are examined. Principles and theories of management with the emphasis on the police environment and organizational behavior are included.

**CJ 521 SEMINAR IN CRIME PREVENTION AND CONTROL 3**

Examines the roles played by public and private law enforcement and security officials, the community, and community agencies in deterring and controlling crime and delinquency. It consists of an analysis of the coordinating efforts between the community, its agencies, and the justice system. Theories of crime prevention and control are also analyzed.

**CJ 522 SEMINAR IN POLICE PRACTICES AND PROBLEMS 3**

Studies the functional and organizational dilemmas of law enforcement and the roles and interaction of police and community. The police subculture and public policy implications of police practices are also studied. The seminar also includes an analysis of police organization, management and operation, and issues and problems of contemporary law enforcement.

**CJ 526 SECURITY SYSTEMS AND ADMINISTRATION 3**

Studies the organization and management of the security units in industry, businesses, governments, institutions, and so forth. It examines the protection of manpower, facilities, and other assets. Administrative, legal, and technical problems and issues in professional security management are also analyzed, as are the topics of loss prevention, government internal security controls, employee dishonesty, and shoplifting.

**CJ 541 SEMINAR IN PENOLOGY 3**

Provides an overview of the historical development of the penal system in America. Justifications for the theories of punishment are examined in detail. Also scrutinized is the effectiveness of alternative penalties with an emphasis on the dilemma of punishment versus rehabilitation and the ensuing major institutional treatment programs and strategies that have survived the current decline of rehabilitation as a primary justification for incarceration. The class concludes with the analysis of various recommendations for penal reform.

**CJ 544 COMMUNITY CORRECTIONS 3**

Studies the process of rehabilitating adult and juvenile offenders while they remain in the community subject to supervision by correctional or court personnel. It includes the study of probation, parole, halfway houses, day treatment centers, and privately-run programs.

**CJ 546 PRISON SUBCULTURES 3**

Provides an intensive overview of the prison social system and the three major theoretical models used to explain inmate subcultures. Both men's and women's prisons are studied. The subculture of prison guards and administrators is examined along with the interactions between prison staff and inmates.

**CJ 550 CRIME, DRUGS, AND PUBLIC POLICY 3**

Reviews the history of drug abuse in America. Sociological, psychological, and medical aspects of drug use and abuse with implications for prevention, treatment, and rehabilitation are examined. The relationship between drug abuse and crime and the national strategies to deal with drug abuse are also studied. Formerly CJ 508.

## GRADUATE COURSES OF INSTRUCTION

### **CJ 551 CRIMINAL BEHAVIOR SYSTEMS 3**

Consists of an analysis and critique of the various systems of criminal behavior. Topics include traditional property crime, murder and assault, forcible rape, public order crime, political crime, professional theft, and gang delinquency. The sociocultural definition of each and the creation of legal categories are emphasized.

### **CJ 555 JUSTICE PLANNING, EVALUATION AND ADMINISTRATION 3**

Explores the theory and practice of justice system planning, administration, and evaluation. Topics included are planned change, the planning process, and change theory and strategies. Reforms in civil and criminal justice and the formulation of system-wide needs and objectives, including design and program evaluation, are examined. Formerly CJ 591.

### **CJ 560 JUVENILE CORRECTIONS 3**

Surveys the various methods used in the U.S. to rehabilitate juvenile offenders and the various institutions and agencies which administer them. Included are the topics of juvenile probation, detention, institutionalization, and aftercare. Field trips to local correctional facilities constitute a significant part of the course.

### **CJ 561 JUVENILE JUSTICE AND FAMILY LAW 3**

Offers a comprehensive, in-depth study of the various elements of the juvenile system with emphasis on the philosophy and procedures of the juvenile court including delinquency, children-in-need-of-services, paternity, and child custody cases. Also examined are the legal rights of children within the family unit and constitutional issues of freedom of religion and speech. Using major legal decisions, the class examines juvenile law and family law as it impacts juveniles.

### **CJ 565 JUVENILE DELINQUENCY AND MASS CULTURE 3**

Looks at the influence of pop and mass culture on juveniles in general and the roles they may play as contributing factors in the etiology of delinquent behavior. The impact of music, television, and movies on juveniles is the major focus of the course. Collective behavior, such as fads, may also be examined as they relate to juvenile misconduct.

### **CJ 566 JUVENILE SEX OFFENDERS AND VICTIMS 3**

Provides an in-depth examination of juveniles who commit sex offenses and of juveniles who are the victims of a sex-related crime. Topical areas include rape, molestation, exhibitionism, incest, pornography, and prostitution, among others.

### **CJ 581 METHODS OF JUSTICE RESEARCH I 3**

Introduces the logic of scientific inquiry and the major research methodologies including evaluation research application to the justice field. Students will study the major research designs, probability and non-probability sampling techniques, instrument construction, data collection, hypothesis testing, and elementary descriptive and inferential statistics. This course is required of all students. This course is offered only in the fall semester.

### **CJ 582 METHODS OF JUSTICE RESEARCH II 3**

Is a continuation of CJ 581. The emphasis in this course is upon learning the principles of social science research by conducting a semester-long research project. It consists of the in-depth study of the problems of data collection, analysis, and presentation, and an introduction to the use of computers and multivariate statistical analysis. Prerequisite: CJ 581. This course is required of all students. This course is offered only in the Spring semester.

### **CJ 590 PRACTICUM IN JUSTICE I 3**

Offers a planned, supervised internship/program of research,

observation, study and work in selected justice agencies. It is designed to provide the student with work experience in the field and an opportunity to synthesize theory and practice. Prerequisite: 12 hours of graduate coursework in Criminal Justice. Formerly CJ 585.

### **CJ 591 PRACTICUM IN JUSTICE II 3**

Offers a continuation of CJ 590. CJ 591 can be taken concurrently with permission of the Department. Prerequisite: CJ 590.

### **CJ 595 INDEPENDENT READING AND RESEARCH 3**

Consists of an individualized, scholarly reading and/or research project designed to extend breadth and depth of coursework to achieve mastery in the specific area of interest. The course consists of a one-on-one relationship between the student and a faculty member. Prerequisite: 15 hours of graduate coursework in Criminal Justice and permission of the Department.

### **CJ 596 PROPOSAL RESEARCH AND WRITING 3**

Provides a one-on-one study between the student and the student's committee chair to write the formal proposal for the student's tentatively-approved thesis. A formal, written proposal to undertake the thesis is the end product of this course. Enrollment is required of, and limited to, students pursuing the Thesis Option of Study.

### **CJ 598 DIRECTED THESIS RESEARCH I 3**

Constitutes an introduction to scholarly research/writing. It culminates with a first draft of the student's thesis. Enrollment is required of, and limited to, students pursuing the Thesis Option of Study. Prerequisite: CJ 596.

### **CJ 599 DIRECTED THESIS RESEARCH II 3**

Is a continuation of CJ 598. It culminates in a committee-approved thesis and satisfactory performance during an oral defense of the thesis. CJ 599 may be taken concurrently with CJ 598 with permission from the department. Enrollment is required of, and limited to, students pursuing the Thesis Option of Study. Prerequisite: CJ 598.

## DEVELOPMENTAL EDUCATION

### **DEED 543 NATURE AND NEEDS OF DEVELOPMENTAL STUDENTS 3**

Focuses on identifying attitudinal, personality, academic and socio-economic characteristics of developmental learners. This introductory course focuses on the effects of external and internal forces on developmental learners and teachers.

### **DEED 544 CURRICULUM DESIGN IN DEVELOPMENTAL EDUCATION 3**

Provides an overview of developmental education curriculum design. Key issues are examined within the context of the broader perspective of postsecondary education.

### **DEED 545 EDUCATIONAL MEASUREMENT AND PROGRAM EVALUATION 3**

Studies the development, use and evaluation of various diagnostic, placement and assessment instruments in developmental education and learning assistance programs. Legal and ethical issues in assessment are explored. Examines basic concepts and procedures of program evaluation.

### **DEED 547 METHODS AND MATERIALS FOR TEACHING DEVELOPMENTAL READING 3**

Focuses on teachers of adult learners manifesting deficiencies in reading skills. Explores theoretical concepts in learning and reading, and the translation of these concepts into specific teaching procedures in high school and college.

# GRADUATE COURSES OF INSTRUCTION

<p><b>DEED 548 FIELD INSTRUCTION/PRACTICUM IN DEVELOPMENTAL EDUCATION 3</b> Emphasizes field experiences as an interface between theory and practice in developmental education. Students participate in a supervised field experience at a postsecondary institution. Such experiences assist them in translating theoretical constructs into practical situations including curriculum design, management, evaluation and so on. The grade assigned is P/F or Z.</p>	<p><b>DEED 581 GUIDANCE: PRACTICUM/ POSTSECONDARY SETTINGS 3</b> Provides a supervised practicum in a postsecondary developmental education program. Emphasis is placed on understanding the relationship between counselor and underprepared students' emotional, social and academic problems.</p>
<p><b>DEED 549 SEMINAR: PROBLEMS AND ISSUES IN DEVELOPMENTAL EDUCATION 3</b> Surveys current major issues, problems and trends in developmental education. This introductory doctoral course involves limited field experiences, discussion forums, extensive reading and several writing assignments including short essays, position papers, and a major project.</p>	<p><b>DEED 583 PRINCIPLES AND ADMINISTRATION OF GUIDANCE SERVICES (POSTSECONDARY) 3</b> Focuses on the relationship of guidance principles and practices for adults. This basic counselor education course is designed for students who wish to become counselors at the postsecondary level should take this course.</p>
<p><b>DEED 556 CONSTRUCTION AND USE OF TESTS IN TEACHING READING/MATH/SCIENCE 3</b> Focuses on secondary and postsecondary mathematics and science teachers. Emphasizes the relationship of classroom testing and educational objectives of the mathematics and science curriculum. Test construction, administration and scoring of mathematics and science tests and adjusting instructions are examined.</p>	<p><b>DEED 599 COMPREHENSIVE EXAMINATION 0</b> Is a comprehensive written examination required of all candidates for the Master of Science degree with a major in developmental education. This written examination helps determine whether a student will successfully complete degree program.</p>
<p><b>DEED 575 METHODS AND MATERIALS IN TEACHING RHETORIC AND LANGUAGE TO ADULT LEARNERS 3</b> Examines linguistic approaches and traditional approaches to structure, usage, rhetoric, and composition, with emphasis on teaching expository writing and reading in secondary schools, two- and four-year higher education institutions.</p>	<p><b>DEED 600 ADVANCED STUDIES OF THE DEVELOPMENTAL LEARNER 3</b> Emphasizes theories of adult development and analysis of learners within principal age groupings. Psychological and sociological factors which affect learning achievement and motivation along the life-cycle are addressed.</p>
<p><b>DEED 576 PROBLEMS IN THE TEACHING OF ENGLISH 3</b> Examines the theory and practice of teaching language, literature, and composition in high school, community colleges and four-year institutions.</p>	<p><b>DEED 602 MANAGING EDUCATIONAL CHANGE 3</b> Assesses systematic approaches to management and their implications for planned change in developmental education. Emphasis is on a critical analysis of roles and responsibilities of managers, supervisory theories and practices, planning and use of human and material resources, and of change strategies and techniques.</p>
<p><b>DEED 577 ANALYSIS OF COMMUNICATIVE PROCESSES 3</b> Emphasizes the process of communication between individuals in small groups, in organizations, and in mass societies in which people must understand each other. Traces the relationship between the writer, the speaker, the listener, and the reader.</p>	<p><b>DEED 605 TEACHING LEARNING AND STUDY SKILLS 3</b> Studies content, materials, teaching strategies and techniques for teaching developmental students learning and study skills that have value in reasoning, test-taking, note-taking, time management, information processing, writing and resource utilization.</p>
<p><b>DEED 578 DEVELOPMENTAL GUIDANCE: GROUP PROCEDURES 3</b> Explores principles and practices of group counseling to solve problems and enhance student development. Emphasis is placed on direct experiences with the educationally underprepared student in postsecondary institutions.</p>	<p><b>DEED 606 TECHNIQUES FOR TEACHING SPECIALIZED READING SKILLS 3</b> Examines instructional methods, materials and techniques, including reading and interpreting maps, graphs, charts, cartoons, tables and other illustrations, used in postsecondary studies. Scanning, skimming, and other reading skills are discussed.</p>
<p><b>DEED 579 DEVELOPMENTAL GUIDANCE: BASIC PRINCIPLES AND PRACTICES 3</b> Focuses on principles, practices and program organization in guidance. Emphasis is placed on organizing educational environments to develop the postsecondary student+s potentialities to prevent and to ameliorate student problems relevant to guidance.</p>	<p><b>DEED 607 LEARNING SUPPORT CENTERS IN HIGHER EDUCATION 3</b> Explores the development of the learning assistance movement including its beginnings, history, leaders and researchers. An overview of the current state of learning support centers in colleges and universities including budgeting, physical resources, programs and services, management, technology, standards and program evaluation. Process and stages in developing a learning support center are also considered..</p>
<p><b>DEED 580 DECISION MAKING: BASIC PRINCIPLES AND THEORY 3</b> Emphasizes making decisions in guidance which maximize various criteria of success. Application of decision theory strategies to educational and vocational planning and to problems in emotional and social behavior is undertaken.</p>	<p><b>DEED 613 DIAGNOSIS AND EVALUATION IN THE TEACHING OF ENGLISH 3</b> Presents an in-depth study and practical use of contemporary instruments for diagnosing problems in listening, writing, speaking, spelling, vocabulary development and language usage. Emphasis is on formal and informal evaluation procedures. Specific competencies are presented in the administration, scoring, and interpretation of selected tests.</p>

# GRADUATE COURSES OF INSTRUCTION

**DEED 617 TRENDS AND ISSUES IN COUNSELING  
THE DEVELOPMENTAL LEARNER 3**

Surveys the literature and analysis of practices and innovations in counseling programs for developmental learners including peer counseling, personal counseling, group counseling, crisis intervention, transitional programs, cultural enrichment, tutorial assistance, and academic advising, etc.

**DEED 621 INSTRUCTIONAL SYSTEMS DESIGN 3**

Introduces graduate students to the instructional systems approach. Students will learn to apply instructional design principles to various educational programs.

**DEED 622 ADMINISTRATION OF POSTSECONDARY  
DEVELOPMENTAL PROGRAMS AND  
SERVICES 3**

Explores identification of tasks in various programs, analysis of competencies needed by supervisors, development of supervisory programs, human relations, evaluation of personnel, and the use of evaluative instruments and data.

**DEED 623 THE APPLICATION OF RESEARCH TO  
PROGRAM AND MATERIALS  
DEVELOPMENT AND EVALUATION 3**

Provides students the opportunities to apply research in planning and developing an original program and related curriculum materials for a developmental program. Students are expected to field test their products using formative and summative evaluation measures and submit a written report.

**DEED 631 SURVEY OF NONTRADITIONAL STUDENTS  
IN POSTSECONDARY INSTITUTIONS 3**

Presents a comparative study of the characteristics and socio-cultural behaviors of nontraditional students on many present-day higher education campuses. Emphasis is on older students, ethnic minorities, women, international students, senior citizens, handicapped adults, veterans, and prisoners.

**DEED 633 THE DESIGN, DEVELOPMENT AND  
ADMINISTRATION OF STAFF  
DEVELOPMENT ACTIVITIES 3**

Prepares students in the delivery of staff-development training. Professional ethics strategies for developing helping relationships, temporary systems, and training strategies are addressed.

**DEED 634 PROFESSIONAL WRITING AND  
REPORTING PRACTICUM 3**

Provides background information and practical experiences in writing professional communications, proposals, technical reports and manuscripts for professional journals. Completion of several projects is required.

**DEED 643 INTERMEDIATE STATISTICS 3**

Focuses on such topics as correlation, multiple regression, discriminant function analysis, and multivariate analysis of variance. In this applied second-level statistics course, students are required to attend lectures and laboratory sessions. Prerequisite: EDL 573.

**DEED 649 HISTORY AND PHILOSOPHY OF  
HIGHER EDUCATION 3**

Studies the history and philosophy of higher education in the United States. The course focuses on important trends, developments, institutions and individuals in the history of higher education from the founding of Harvard College to the present.

**DEED 660 ORGANIZATION AND ADMINISTRATION  
OF HIGHER EDUCATION 3**

Studies the history, functions, organization and governance

structures of two- and four-year institutions. Fundamental concepts of the administrator's role, administrative processes, co-operating agencies, legislative provisions and student characteristics are examined.

**DEED 695 INDEPENDENT STUDY 3**

Investigates selected basic problems, issues, and research activities in developmental education. Specific subject matter, objectives and activities designed to advance the individual needs of the student are developed.

**DEED 701 THEORIES OF STUDENT DEVELOPMENT  
AND PERSONNEL AFFAIRS 3**

Offers a comparative study of student development theories and their implications for developmental students in two- and four-year institutions. Traditional and emerging conceptual models in student development are presented with an emphasis on counseling, students services, students counseling, admissions, financial aid, orientation, work-study activities, and residence halls.

**DEED 702 CULTURAL PLURALISM IN  
HIGHER EDUCATION 3**

Examines the theoretical, philosophical, psychological and sociological aspects of cultural diversity in higher education institutions. Emphasis is placed on the role and responsibilities of the administration in facilitating and managing cultural diversity on their campuses. Emphasis is also placed on teaching in a pluralistic society.

**DEED 704 THEORIES AND MODELS OF  
INSTRUCTIONAL DESIGN 3**

Examines various theories of instructional design and development. It will explore ways in which these theories can be integrated into the design of instruction. The course will focus on the works of various theorists such as Merrill, Scandura, Reigeluth and Landa.

**DEED 705 APPLIED PSYCHOLOGY OF LEARNING 3**

Examines behaviorist and Gestalt learning theories. Particular emphasis is placed on the concepts of Gagne and Piaget and their implications for the selection and utilization of technology/media in the instructional process.

**DEED 706 CURRICULUM IN HIGHER EDUCATION 3**

Presents a comparative study of traditional, developmental and transitional curriculum in two- and four-year institutions. Principles, practices, forces, trends, issues, and problems in organizing and implementing curriculum at various levels are explored.

**DEED 708 METHODS AND TECHNIQUES OF  
STUDENT DEVELOPMENT AND  
PERSONNEL AFFAIRS 3**

Examines methods and techniques of student development and personnel services in two- and four-year institutions. Managerial operation, budgeting, scheduling, marketing, problem solving are emphasized. Documenting program performance, cost-effectiveness and accountability is also examined.

**DEED 709 INSTRUCTIONAL DEVELOPMENT 3**

Explores the application of instructional design principles to the design of multimedia instruction.

**DEED 710 SEMINAR IN INSTRUCTIONAL  
TECHNOLOGY 3**

Provides opportunity for the student to do investigative work in the literature of instructional technology and to analyze, synthesize, and evaluate this literature.



# GRADUATE COURSES OF INSTRUCTION

**DEED 711 PRACTICUM: STUDENT DEVELOPMENT AND PERSONNEL SERVICES 3**

Focuses on students without prior work experience in student personnel services. Students gain experience in student affairs in two- and four-year institutions under the supervision of personnel from the participating institutions and the university. Focuses on counseling, admissions, financial aid, residential life and student life. Application for the practicum is required.

**DEED 712 INSTITUTIONAL DECISION-MAKING 3**

Studies institutional research programs and products in two- and four-year institutions and the way the higher education administrator analyzes, interprets and utilizes institutional data to advance program planning and general decision making.

**DEED 713 FISCAL AND BUSINESS AFFAIRS IN HIGHER EDUCATION 3**

Examines the scope, techniques and procedures of managing fiscal and business affairs in higher education. Includes budgeting and expenditures of various funds; accounting, auditing, and fiscal reporting.

**DEED 714 HIGHER EDUCATION POLICY STUDIES 3**

Assesses the impact of higher education policy on students and programs. Theoretical models of policy development are studied and experiences in analyzing and interpreting policies in higher education are provided.

**DEED 715 STUDENT PERSONNEL AFFAIRS: PROBLEMS AND ISSUES 3**

Examines divergent views of theoretical and practical issues and problems of educational planning from a cross-cultural perspective. Legal and ethical matters that have direct effects or implications for student affairs administrators are studied.

**DEED 717 COLLEGE TEACHING: ADVANCED PRACTICUM AND SEMINAR 3**

Provides opportunity for supervised practice of instructional theory and techniques in an actual postsecondary classroom setting. Students will teach at least one, but not more than two sessions.

**DEED 718 MANAGEMENT OF STUDENT ORGANIZATIONS AND EVENTS 3**

Examines managerial procedures in organizing social and academic groups to meet objectives including clubs, fraternities, sororities, specialized societies, student government bodies, elections, contests, etc. Examines the impact of institutional policies, cultural make-up of student body and financial factors on these groups and events.

**DEED 719 TWO-YEAR INSTITUTIONS IN AMERICA 3**

Undertakes an in-depth study of the history, functions, organization and issues of two-year junior and community colleges in America. Students become familiar with the student populations, types of controls, campus culture, operating procedures and other special characteristics.

**DEED 720 RESEARCH IN INSTRUCTIONAL TECHNOLOGY 3**

Examines relevant research in the field of instructional technology as it relates to developmental education and learning assistance. Students are required to demonstrate competencies in research writing.

**DEED 725 MEASURING CURRICULUM AND INSTRUCTION 3**

Studies the quantitative techniques used in measuring curriculum and instruction from the point of design to validation of im-

pact. Program and course objectives and sequencing of program and course activities are among the topics covered.

**DEED 726 RESEARCH IN DEVELOPMENTAL EDUCATION 3**

Investigates assigned problems conducted under the direction of instructor. Also involves group and individual exploration of relevant literature, design of research approaches for solving specific simulated problems and reporting research findings.

**DEED 728 ADVANCED RESEARCH DESIGN 3**

Focuses on qualitative and quantitative research methods for dissertation, research chain of reasoning, problems (questions), hypotheses, multivariate models and literature review. The product of this class is a researchable proposal. Prerequisites: Admission to candidacy, DEED 726, DEED 643 and DEED 735 or DEED 736. The grade assigned is P/F or Z.

**DEED 729 PRACTICUM: INSTRUCTIONAL TECHNOLOGY 3**

Provides opportunity for the student to work in a technology environment under professional supervision. The student will participate and assist in the development and delivery of instruction via various technologies.

**DEED 733 ADVANCED DIRECTED RESEARCH 3**

Affords students an opportunity to study and investigate a specific or related area of developmental education not covered in course work. Periodic conferences must be negotiated and held with supervising instructor. A final written report must be submitted to instructor.

**DEED 734 INTERNSHIP 3**

Provides supervised practice in local, state, regional, and or federal educational agencies. This semester-long experience involves on-the-job training in a professional position in one or more offices administering the following areas: curriculum and instruction, student development and personnel affairs, learning centers/ laboratories, community and continuing education, and staff development. Students are supervised jointly by administrative personnel at the agency and departmental faculty. The grade assigned is P/F. Prerequisite: Admission to candidacy. Prerequisites: Advancement to candidacy and approved application by major professor.

**DEED 735 ADVANCED STATISTICS 3**

Focuses on such topics as causal analysis, path and structural equation modeling, factor analysis, and multidimensional scaling. Students are required to attend lectures and laboratory sessions. Prerequisites: EDL 573 and DEED 643.

**DEED 736 QUALITATIVE RESEARCH METHODS 3**

Explores a number of qualitative research methods including historical traditions, multivariate models of qualitative inquiry, case studies, ethnographic and participant observation, biography, and phenomenology. Students are required to attend lectures and laboratory sessions. Prerequisite: DEED 643.

**DEED 750 QUALIFYING EXAMINATION 0**

Is a required examination for all students admitted to the doctoral program. It determines whether students are able to proceed in the program after completing 15-27 credit hours of coursework and can be taken two times. Prerequisites: Completion of EDL 549 and EDL 573 or their equivalents, DEED 549, DEED 600, and DEED 631.

**DEED 792 ADVANCED PROGRAM EVALUATION 3**

Focuses on such topics as the analysis of evaluation models and theories; conceptual, empirical and grounded studies of

## GRADUATE COURSES OF INSTRUCTION

evaluation practice; evaluation issues relating to a wide range of forces and aspects of evaluation. Prerequisite: DEED 643.

**DEED 793 ADVANCED CURRICULUM DEVELOPMENT 3**  
Explores advanced methods, techniques, and design of developmental education curriculum. Major issues are examined within the context of the broader perspective of postsecondary education in the United States. Prerequisite: DEED 544.

**DEED 795 INDEPENDENT STUDY 3**  
Emphasizes advanced issues, problems, and research in developmental education. Specific content, objectives, and activities to promote career and scholarship of the student are also investigated. Students may pursue up to 15 semester hours credit in this course pending approval. An application for independent study must be submitted prior to enrollment in course. Prerequisites: An application for independent study must be submitted and approved prior to enrollment in course and must be admitted to the doctoral program.

**DEED 796 DISSERTATION PREPARATION 3-6**  
Involves doctoral candidates in active pursuit of the dissertation study under the leadership of the major professor and guidance of other members of the doctoral committee. The grade assigned is P/F. Prerequisites: DEED 726 and DEED 728.

**DEED 799 DOCTORAL COMPREHENSIVE EXAM 0**  
Is a mandatory examination at the completion of all coursework. Every doctoral candidate must take and successfully complete a doctoral comprehensive examination which includes questions related to developmental education and option area. The grade assigned is P/F.

**DEED 800 DISSERTATION DEFENSE 0**  
Provides an opportunity, at the completion of the dissertation study and with the approval of the doctoral committee, for every doctoral candidate to complete a mandatory oral defense of the study before the committee and other members of the faculty and student community. The grade assigned is P/F or N/C.

### EDUCATION

**ED 498 PRELIMINARY EXAMINATION 0**  
Is an admissions examination for all candidates for the degree in education. The student must secure a PASS grade on the examination prior to completion of 12 semester hours of coursework. Graduate status required.

**ED 500 PRINCIPLES-ADMINISTRATION OF SCHOOL GUIDANCE K-12 3**  
Assists prospective and in-service teachers and counselors in understanding the principles, organizational procedures, patterns, and operation of all guidance services in the school K-12.

**ED 501 EDUCATION AND EXCEPTIONAL CHILDREN 3**  
Surveys the social, psychological, and behavioral characteristics of exceptional children and of educational perspectives advocated in teaching them. An introduction to the field of general educators, persons in related professions, and persons entering the field of special education.

**ED 502 EDUCATION OF DISADVANTAGED AND MALADJUSTED LEARNERS 2-3**  
Presents a multidisciplinary approach involving curricula, instructional media resources, and activities aimed toward ameliorating learning and educational problems of poor, culturally deprived children and youth focusing on perspectives, philosophies, principles, and strategies.

**ED 503 REMEDIATION OF LEARNING DISABILITIES 3**

Explores the educational aspects of learning disabilities, stressing identification cause, diagnosis, educational procedures, teacher preparation, programs, and research relative to children's learning disabilities.

**ED 504 READING FOR CHILDREN 3**  
Examines emerging philosophies, principles, trends in program, and procedures in teaching developmental reading. Candidates will demonstrate competency in teaching reading, utilizing a method or a combination of methods.

**ED 505 ANALYSIS OF READING DIFFICULTIES 3**  
Focuses on identification of causes for reading difficulties, evaluation and selection of appropriate diagnostic instruments, administration of formal and informal diagnostic tests, and interpretation of diagnostic data. Classroom and field-based experiences. ED 504 is a prerequisite. Available spring only.

**ED 506 CORRECTION OF READING DIFFICULTIES PRACTICUM 3**  
Focuses on application of diagnostic data in prescription of reading instruction and selection and application of learning strategies and materials which are appropriate to alleviate given reading difficulties. Primarily field centered, actual teaching experience with children. ED 505 is a prerequisite.

**ED 507 TEACHING READING IN MIDDLE, JR., SENIOR HIGH SCHOOL 3**  
Emphasizes new problems and strategies in the teaching of reading through the content fields, different types of literature, selected reading programs, and other methods that appeal to youth, covering the middle, junior, and senior high schools (grades 4-12). Techniques, reading programs, and the use of instructional media appropriate for stimulating the reader, as well as for helping those with reading disabilities, will be stressed.

**ED 508 LITERATURE FOR CHILDREN AND YOUTH 3**  
Examines the origin and development of the children's literature and contemporary trends. Exploration of the types of literature needed at pre-nursery, nursery, kindergarten, primary, middle and upper levels, and the relationship between those and fulfillment through the use of books. Emphasizes the bibliotherapy and effective ways of using children's literature in the classroom. Practicum experiences.

**ED 509 READING FOR THE DISADVANTAGED 3**  
Provides opportunity for teachers to explore and use appropriate theory, methods, and materials in planning and implementing a program for developing effective reading skills in the disadvantaged, embracing multi ethnic groups.

**ED 510 LANGUAGE DEVELOPMENT IN CHILDREN 3**  
Considers research relating to trends, programs, procedures, and problems in the development of language; programs and techniques in language development, including language problems for the disadvantaged, embracing multi-ethnic groups.

**ED 511 CAREER-VOCATIONAL EXPLORATION 3**  
Studies methods of working with individuals, small groups of young children, and elementary, junior, and senior high school youth, to develop an awareness of careers and to acquaint youngsters with vocational information for integration of information with knowledge of self and self-concept. Group guidance and counseling procedures presented.

**ED 512 SUPERVISION OF THE READING PROGRAM 3**  
Focuses on identification of criteria for evaluating reading pro-

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grams, development of skills in evaluating reading materials and programs, and development of skills in working with administrators and classroom teachers to improve reading instruction.

**ED 513 GUIDED PRACTICUM IN READING 3**

Provides opportunity for candidates to select and implement learning strategies and materials of instruction which are appropriate for instruction based on given diagnostic data and to prescribe and augment reading activities to facilitate the simultaneous operation of multiple groupings for reading instruction.

**ED 514 THEORY AND PRACTICE IN GUIDANCE AND COUNSELING 3**

Considers selected theories of counseling with emphasis on developing a personal philosophy. Simulated and direct experiences, including role-playing, tape-recorded interviews, and analysis of counselor-counselee responses. Discussion of ethics, professional obligations of the counselors, and record-keeping.

**ED 515 PROGRAMS AND METHODS FOR YOUNG CHILDREN 3**

Organizes and plans preschool and early education programs giving attention to utilization of indoor and outdoor space, experience in mathematical concepts, science, environmental education, physical education, graphic media, music, movement, language and children's literature, sensory experiences, social studies, and operation of kindergarten and primary groups.

**ED 516 ANALYSIS OF THE NEEDS OF LEARNERS 3**

Emphasizes the broad spectrum of educational tests, standardized and non-standardized, used in the assessment of students preschool through senior high school. Test design for diagnostics and evaluation, selection, administration, scoring and interpretation of appropriate instruments for specified purposes.

**ED 517 PRACTICUM IN GUIDANCE AND COUNSELING 3**

Provides field work in selected schools through which students become more knowledgeable about the roles and functions of the school counselor in the elementary setting.

**ED 518 GROUP PROCESSES IN SCHOOL 3**

Presents procedures used in organizing groups in the educational setting—students in the elementary, junior and senior high schools. Dynamics of group experience, sociometric methods, discussion techniques, and the place of group activities in the guidance program.

**ED 519 SEMINAR: ENVIRONMENTAL SYSTEMS 3**

Provides an interdisciplinary study of the interacting environmental systems which affect learning and education of children and development of the child, peer group, family, community, school, and culture. Integration of the psychological, sociological, and anthropological perspectives into a view of the total ecology of the child.

**ED 520 ADVANCED CHILD PSYCHOLOGY 3**

Acquaints graduate candidates with theories and principles of growth development, motivational and behavioral modification systems, and classical and emerging theories of child growth and development: problems of children (including self-concept, language motivation, behavioral social/racial difficulties) and their implications for classroom practices. Impact of theories of Piaget and others, aspiration studies, behavior modification on growth and development, and behavior. (Offered spring and summer only)

**ED 524 COPING WITH INDIVIDUAL DIFFERENCES 3**

Provides courses or workshops in developing and interpreting instructional competencies needed to deal effectively with educationally important differences in children and youth: in intelligence, learning styles, social-emotional maturity and socio-economic background of the disadvantaged child. Practicum experiences.

**ED 525 TRENDS AND STRATEGIES IN MULTI-ETHNIC EDUCATION 3**

Provides classes or seminars designed to acquaint teachers with the basic philosophy of inter-group education, intergroup relations, problems in intergroup education, and materials for children and adolescents.

**ED 526 INNOVATIONS IN CURRICULUM PLANNING 3**

Examines historical factors in curriculum change, trends in curriculum development at all levels, effects of curriculum change on school organization, and techniques of teaching.

**ED 527 PRINCIPLES AND TRENDS IN CURRICULUM DEVELOPMENT 3**

Explores curriculum trends emphasizing social, philosophical, and psychological bases related to principles and curriculum development at all levels of education.

**ED 528 CURRICULUM FOR CHILDREN 3**

Examines trends and innovations in curriculum development for children, with emphasis on problems in selecting, organizing and implementing the curriculum.

**ED 530 PROJECTS IN EDUCATION 3**

Provides opportunity for candidates to pursue projects relating to an area of interest in keeping with his program plan and must be approved by his supervisor.

**ED 531 PRACTICUM-TEACHING METHODS 3**

Examines theory, methods, and strategies in teaching. Employs discussion, peer-teaching, micro-teaching, and actual classroom teaching experiences. Prerequisites: Valid teaching certificate or passing scores on the core battery of the NTE/PRAXIS. Approval of TED Head required.

**ED 532 PRACTICUM-INTERNSHIP IN TEACHING 3**

Involves observation, participation, and teaching in an approved public school under the supervision of a master teacher and a university supervisor. Prerequisites: Application to OPLE, approval by advisor and.

**ED 533 DESIGN AND DEVELOPMENT OF MULTIMEDIA INSTRUCTIONAL UNITS 3**

Applies a three-step planning model to the design and development of multimedia units for standards-based instruction. Prerequisite to this course is ED 530 Technology Integration for Learning and Teaching, 3 hours or equivalent.

**ED 534 SUPERVISION-ADMINISTRATION OF MEDIA PROGRAMS 3**

Examines new strategies and approaches in planning and supervising media programs for media centers, nursery, kindergarten, elementary and secondary schools, and special programs for the mentally retarded and disadvantaged. Review of philosophy, principles, and trends in educational media.

**ED 535 SPECIAL WORKSHOPS IN EDUCATION 2-6**

Provides for advanced courses, workshops, and seminars focusing on copies of current importance in education.

**ED 536 EDUCATIONAL TELECOMMUNICATIONS, NETWORKS, AND THE INTERNET 3**

Introduces the technology behind the Internet, telecommunications, and networks. This course focuses on the basics for planning, installing, maintaining, and managing K-12 networks.

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Prerequisite to this course is ED 530 Technology Integration for Learning and Teaching, 3 hours or equivalent.

**ED 537 COUNSELING: UNDERSTANDING LIFE AND DEATH 3**

Presents an understanding of the psychological implications of life and death for children, youth, adults, the aging, with emphasis on reality and support systems embracing techniques and strategies for dealing with problems associated with these factors.

**ED 538 PARENT EDUCATION 3**

Gives teachers of the regular and special child, guidance counselors, administrators and other school personnel some expertise in the area of parent education and counseling.

**ED 539 PROBLEMS OF SCHOOL DISCIPLINE 3**

Examines theory and research relating to the nature of problems of discipline and discussion of creative approaches in the prevention and solution of these problems.

**ED 540 GUIDANCE FOR INDIVIDUALS WITH SPECIAL NEEDS 3**

Places emphasis on guidance activities and procedures for individuals with special educational, social and personality needs and concerns. The content of the course provides persons in the helping professions with a conceptual view of various problem areas and special approaches to effectively minimize the problems.

**ED 541 ISSUES IN PROFESSIONAL COMPETENCE AND ACCOUNTABILITY 3**

Promotes the professional competence and accountability of in-service public school personnel in three areas: taking standardized competency tests, decision-making and problem-solving in the classroom, and life-long learning by professionals. The theory and structure of the PRAXIS Examinations, higher level cognitive processes to improve logic and reasoning, and social change as a critical impetus for involvement in such projects as the Professional Incentive Program will be covered.

**ED 542 VOCATIONAL INFORMATION AND ASSESSMENT 3**

Provides a critical review of the major career development theories as related to life career planning, sources of occupational and educational materials, and their relationship to decision-making. Some emphasis will be on the presentation of various vocational assessment techniques in career counseling.

**ED 543 TECHNOLOGY LEADERSHIP IN SCHOOLS 3**

Explores research and issues related to effective technology leadership with emphasis on such leadership roles as planning, curriculum and instruction, assessment, staff development, and legal and social issues.

**ED 545 EVALUATION AND ASSESSMENT IN ELEMENTARY AND EARLY CHILDHOOD 3**

Evaluates issues and strategies required in selecting and developing curriculum for the underprepared student. Emphasis is on three components: the content and behavior from resources used on teaching basic skills, the instructional design and procedures, and classroom management. Instructor models the diagnostic/prescriptive approach to testing.

**ED 549 INTRODUCTIN TO TECHNIQUES OF RESEARCH 3**

Designed for (1) terminal value for the student who does not intend to pursue advanced graduate work, and (2) introductory value for the student who plans to continue graduate study in education. The student will be guided step-by-step through the research progress. Ssteps include (1) identifying a research problem, (2) constructing and hypothesis, (3) identifying and labeling variables, (4) constructing operational definitions of vari-

ables, (5) manipulating and controlling variables, (6) constructing the research design, (7) identifying and constructing devices for observation, (8) conducting elementary statistical methods in education (no special background in math is required). Emphasis in statistical analysis is on choosing the appropriate statistical procedures to answer the research question.

**ED 550 SEMINAR I - THE SCHOOL AS A SYSTEM 3**

Analyzes the history, purpose, organization, functions and legal status of the secondary school. In-depth study of the relationship of the school to the community, social institutions and professionalism. Additional focus on practical and theoretical problems in the development of curricula according to accepted psychological principles, educational theory, and national and local objectives.

**ED 551 STRATEGIES/TECHNIQUES, CURRICULUM AND MATERIALS IN TEACHING ADULT EDUCATION 3**

Presents methods, materials and curricula which will prepare teachers to plan for and teach adults.

**ED 552 THE LEARNER 3**

Provides a critical examination of current knowledge of students and current theory and research bearing on learning. Particular emphasis on the study of the adolescent leading to the development of abilities, insight and attitudes needed in teaching adolescents. Emphasis on research as it applies to learning, discipline and curriculum development, with resultant theories and implications for human relations training, and on the acquisition of skills needed in counseling and teaching students of diverse cultural backgrounds.

**ED 553 READING FOR THE ADULT LEARNER 3**

Presents theory, methods, and materials basic to the development of skills in reading in adults.

**ED 554 EDUCATION PRACTICUM AND INTERNSHIP 9**

Provides laboratory work and critiques in the construction of resource materials, specifically including objectives, content, material, procedures, and evaluation, gradual induction through observation and participation into full-time planning, teaching, and other duties typically a part of the teacher's responsibility. Internship will be done in a school setting appropriate to the major area for two consecutive semesters. Prerequisites: Application to OPLE, recommendation by advisor and approval by department head.

**ED 556 CURRICULUM AND METHODS IN THE SECONDARY SCHOOL AND JUNIOR COLLEGE 3**

Surveys and analyzes problems in curriculum development and construction embracing supportive research with emphasis on current trends in planning for teaching-methods, objectives and materials.

**ED 557 COMMUNITY RESOURCES IN TEACHING ADULTS 3**

Focuses on the utilization of materials and resources of the community which are relevant to the adult in stimulating learning.

**ED 558 MODERN TECHNOLOGY IN EDUCATION 3**

Addresses new and emerging technological advances: role of multi-media systems of instruction, programmed materials, audio and visual media, and communications laboratories.

**ED 559 SUPERVISION AND ADMINISTRATION OF EDUCATION FOR THE ADULT 3**

Focuses on methods of supervision and administration of adult

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education and the relationship of adult education to basic programs of education.

**ED 560 INDEPENDENT STUDY 3**

Examines selected basic problems related to the field of education. Subject matter may vary from semester to semester, depending on student interest and need. Individual basis. Prerequisite: Permission of department head.

**ED 561 THESIS 3**

Design and implementation of original research relevant to the respective teaching area. The research proposal and report must be approved by the advisor and completed under the supervision of the advisor and a Research Committee.

**ED 562 PSYCHOLOGY OF MENTAL RETARDATION 3**

Studies the classification, etiology and specific characteristics of various types of children with low intelligence and implications for educational and personal/social adjustment.

**ED 563 HEALTH PROBLEMS AND DISEASES OF CHILDREN 3**

Studies the health problems and diseases of children and the factors influencing health and methods used in preventing diseases in children. Habilitation and rehabilitation procedures to foster school adjustment of health and physically impaired children are stressed.

**ED 564 TEACHING THE HANDICAPPED IN REGULAR CLASSROOMS 3**

Analyzes the approaches, methods, and strategies of individualizing classroom instruction for learners with a wide variety of educational needs. Strategies for classroom organization, teaching procedures, and selection of appropriate materials are provided.

**ED 565 SEMINAR: HISTORICAL, PHILOSOPHICAL, AND SOCIOLOGICAL FOUNDATIONS OF EDUCATION IN THE U.S.A. 3**

Reviews the historical development of higher education in elementary and secondary education in the United States. The seminar will basically focus on the social forces, societal influences, and problems relating to these factors in educational systems of America.

**ED 566 SEMINAR: TECHNIQUES AND APPROACHES IN MANAGING SCHOOL CONFLICTS 3**

Provides opportunity for administrators, principals, supervisors, and other unit leaders in leadership roles to focus on interpersonal relationships of various personnel, and to explore and study the characteristics of people in conflict. Strategies include techniques of human relations.

**ED 567 LEARNING THEORY 3**

Provides an in-depth application of psychological principles to the educational process. Topics will include learning, humanism, motivation, creativity, intelligence, exceptionalism, classroom management, measurement and evaluation.

**ED 568 COMPUTER LITERACY AND MICROCOMPUTERS 3**

Covers advanced topics of computer managed instruction. Database, spreadsheet and graphics systems with special emphasis on practical classroom management are discussed in detail.

**ED 570 LIFE SPAN DEVELOPMENT 3**

Acquaints graduate candidates with theories and principles of growth development, motivational and behavioral modification systems, and classical and emerging theories of development throughout the life cycle, while focusing special emphasis on childhood and adolescent development. Problems of stage de-

velopment (including self-concept, language motivation, behavioral social/racial difficulties) and their implications for classroom practices are explored.

**ED 572 SEMINARS IN CLASSROOM OBSERVATION AND ASSESSMENT 3**

Provides participants with techniques for observing, recording, and changing classroom dynamics as needed to help teachers become more effective. Participants will learn high- and low-inference techniques, manual and electronic recording of classroom activities, individual and group observation procedures, and techniques for shadowing students and teachers. Observations will focus on identifying effective classroom techniques and remediation of ineffective techniques. Observations will include classroom organization, teacher/student interactions, student/student interactions, classroom management (including discipline and exceptionalities), instructional presentations and transitions, student time on task, and student misbehaviors.

**ED 574 THE SUPERVISION OF STUDENT TEACHERS 3**

Is a course designed for the preparation of supervisors of student teachers. Emphasis is on basic principles and practices, competencies needed by supervisors during each phase of the training period, interpersonal relations, and a critical analysis of the psychological and academic needs of student teachers.

**ED 575 ADULT EDUCATION PRACTICUM 3**

Is a supervised experience in planning, directing, and evaluating learning experiences in an adult setting. The practicum is available for those candidates who have completed a minimum of 6 semester hours credit in appropriate adult learning and methods courses.

**ED 580 SEMINAR: TEACHING STRATEGIES 3**

Provides an analysis and development of the teacher's role as an agent of educational change within the school. Developing a total educational environment involves new approaches, developing inter-class and inter-school programs, planning, parent-involvement activities, and working with school administrators and community. Approval of department head required.

**ED 599 COMPREHENSIVE EXAMINATION 0**

Is a comprehensive written examination to be taken by all candidates for the Master's Degree in Education. When the candidate for the degree has completed the foundation core, a minimum of 15 semester hours in the program core including practicum, and a minimum of 6 semester hours in his/her related elected area, he/she may register for the examination at the beginning of the semester in which he/she plans to take the examination.

**EDL 500 THE SCHOOL AND COMMUNITY 3**

Explores the practical and theoretical aspects of public relations as applied to educational institutions and the efforts of educators to better work with the community.

**EDL 501 EDUCATIONAL FACILITY PLANNING 3**

Emphasizes school building needs, educational planning for facilities, responsibilities of architects, contractors' duties equipping and furnishing plant; design and nature of educational facilities, and directing finance programs for capital outlay.

**EDL 502 PROGRAM DEVELOPMENT AND EVALUATION 3**

Studies principles and techniques of program development and program evaluation. Experiences facilitate competence in planning for program development, improvement, change and evaluation through the use of systematic inquiry.

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**EDL 517 INTERNSHIP: ELEMENTARY/SECONDARY SCHOOL ADMINISTRATION 3**

Provides on site planned experiences designed to extend professional competencies of advanced graduate students. Experiences are provided in an appropriate setting under supervision of an approved professional. Plan of work is designed by the intern in consultation with the advisor with approval of the department.

**EDL 518 ADVANCED PRACTICUM: CLINICAL SUPERVISION 3**

Teaches students how to integrate theory with practice relative to their professional goal. Included are on-campus and field components supervised by faculty which include seminars, conferences, selected readings, course projects, and other activities designed and evaluated by the student and the supervising faculty.

**EDL 519 PRACTICUM: CLINICAL SUPERVISION ELEMENTARY/SECONDARY SCHOOL ADMINISTRATION 3**

Provides supervised field-based experiences in schools, central offices and/or other ancillary settings. Practice in supervision, human relations, problem solving, human resources, and utilization of time management are emphasized. Applications to take the practicum must be made one semester in advance.

**EDL 529 SUPERVISION OF INSTRUCTION 3**

Emphasizes the purpose, theory, and nature of supervision. Focuses on the supervisor, the team leader, or clinical professor's human relations skills as group leader; classroom visitations and conferences; supervisory techniques, pre-service and in-service teacher evaluation, and performance regarding the role of the principal and the supervisor.

**EDL 536 ORGANIZATION AND ADMINISTRATION OF SCHOOLS 3**

Integrates theory and practice in helping administrators and teachers to develop innovative creative approaches in the organization and administration of schools.

**EDL 542 EDUCATIONAL LEADERSHIP 3**

Emphasizes definitions of leadership, theories of leadership, communications, supervision and decision-making. The course is further concerned with the application of effective leadership techniques for improving the school climate.

**EDL 549 INTRODUCTION TO TECHNIQUES OF RESEARCH 3**

Is a course designed for (1) terminal value for the student who does not intend to pursue advanced graduate work, and (2) introductory value for the student who plans to continue graduate study in education. The instructor will guide students step-by-step including identifying a research problem, constructing and testing hypothesis, identifying and labeling variables, operationally defining variables, manipulating and controlling variables.

**EDL 552 LEGAL ISSUES IN EDUCATION 3**

Acquaints graduate students, classroom teachers, administrators, parents and other interested adults with the local, state, and federal laws that are pertinent to education on the public or private school levels. Issues are examined for common legal pitfalls affecting all school personnel.

**EDL 555 ADULT LEARNING AND DEVELOPMENT 3**

Emphasizes adult learning behaviors, cognitive processes, emotions, motivation, intervention strategies in three areas: motivation, learning, and development. The course examines two models which describe who these student-adults are and why

they attempt to learn and, just as importantly, why they "stay around" to complete the program.

**EDL 566 SEMINAR: TECHNIQUES AND APPROACHES IN MANAGING SCHOOL CONFLICTS 3**

Provides opportunity for administrators, principals, supervisors, and other unit leaders in leadership roles to examine interpersonal relationships of various personnel and to explore and study the characteristics of people in conflict. Strategies include techniques of human relations.

**EDL 567 SCHOOL PERSONNEL MANAGEMENT 3**

Provides a comprehensive introduction to personnel administration in various size school districts. Focuses on manpower planning, recruitment practices, selection procedures, personnel retention, compensation and recognition plans, union and professional association, personnel rights and responsibilities, and principal and district administrator roles.

**EDL 568 SCHOOL FINANCE 3**

Focuses on budgets, school planning, and political influences on school funds. Emphasizes understanding the school budget and educational objectives, the business processes within school districts, and the relationship of administrators and teachers to budget decisions.

**EDL 571 THE ELEMENTARY SCHOOL PRINCIPAL 3**

Provides a comprehensive introduction to the principalship, stressing aspects of leadership for instruction and management of complex systems. Class members assume roles in the context of the myriad issues and problems facing principals. Emphasizes excellence in leadership for all students by building effective school climate and involving the community with the school.

**EDL 572 THE SECONDARY SCHOOL PRINCIPAL 3**

Studies the responsibilities, preparation, authority and leadership activities of the secondary school principal. Emphasis is given to effectiveness and methods of achieving effectiveness. Attention will be given to public image and student control techniques.

**EDL 573 INTRODUCTION TO EDUCATIONAL STATISTICS 3**

Prepares learners to verbally and symbolically represent measures of central tendency and variation. Topics include standard and normal distribution, correlation, Linear regression, probability, ANOVA, and hypothesis testing. Students are required to attend class and laboratory sessions.

**LEC 700 INTRODUCTION TO DOCTORAL RESEARCH 3**

Introduces doctoral students to research design, library and electronic information resources, and dissertation styles and formats. Prerequisite for LEC 701 and LEC 703.

**LEC 701 UTILIZING TECHNOLOGY FOR STATISTICAL ANALYSIS IN EDUCATION 3**

Surveys procedures for using the computer in text editing, data management, and statistical processing of research data. Laboratory sessions are required. Prerequisite: LEC 700.

**LEC 702 EVALUATION THEORY AND PRACTICE 3**

Investigates the theories and practices associated with performance evaluation, focusing on individual, instrument, and program evaluation and the decision-making processes associated with each.

**LEC 703 QUALITATIVE RESEARCH IN EDUCATION 3**

Examines theories and methods of qualitative educational re-

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search, including ethnography, case studies, interview studies, and document analysis. Prerequisite: LEC 700.

**LEC 704 SOCIOCULTURAL ISSUES IN EDUCATION 3**  
Examines and analyzes sociocultural issues relating to the delivery of educational services in school districts with diverse student populations.

**LEC 705 PROBLEM-SOLVING AND DECISION-MAKING PROCESS 3**  
Presents applied strategies and techniques involved in problem-solving behaviors. Models of decision-making are explored with emphasis on methods and involvement in decision-making.

**LEC 706 INTERPERSONAL COMMUNICATION AND CONFLICT RESOLUTION 3**  
Presents methods and styles of positive interpersonal communication and techniques and methods of conflict resolution utilized by administrators and faculty.

**LEC 707 CURRICULUM THEORY AND DESIGN 3**  
Focuses on school curriculum theory, design, revision, reform and critical issues.

**LEC 708 MODELS OF TEACHING: THEORIES AND APPLICATION 3**  
Builds the requisite knowledge and skills for selecting and implementing various teaching models congruent with specific teaching and learning needs.

**LEC 709 RESEARCH ON EFFECTIVE TEACHING AND LEARNING 3**  
Examines research-based theories and practices of teaching and learning, including diagnosing student needs and selecting appropriate learning strategies.

**LEC 710 FOUNDATIONS AND PROCEDURES FOR PROFESSIONAL DEVELOPMENT 3**  
Focuses on analysis of the professional environment with emphasis on procedural strategies for professional development as evidenced by teaching, service, and research.

**LEC 711 ADVANCED THEORY AND RESEARCH IN EDUCATIONAL LEADERSHIP 3**  
Presents conceptual models used to define and explain learning organizations and the investigation of roles, strategies, and methods used by educational leaders.

**LEC 712 ADVANCED PRINCIPLES OF ORGANIZATION AND ADMINISTRATION OF SCHOOLS 3**  
Explores organization and administration of schools, including fundamental concepts of organization, administration, and management.

**LEC 713 FOUNDATIONS OF HUMAN RESOURCE DEVELOPMENT 3**  
Analyzes and identifies theories of human resource development and exemplary models. Utilization of human resource information system technology is included.

**LEC 714 POLICY ANALYSIS AND POWER STRUCTURE 3**  
Presents educational policy processes in school administration and supervision, authority and responsibility, public policy, power structure, school boards, principalships, and superintendency roles.

**LEC 715 ADVANCED CONTENT METHODOLOGY AND TECHNIQUES 3**  
Analyzes and evaluates content-specific methods, techniques,

and trends for early childhood elementary, middle, and secondary education.

**LEC 716 PROBLEMS AND ISSUES IN CURRICULUM AND INSTRUCTION 3**  
Analyzes and evaluates current curriculum concepts and designs as well as major trends in curriculum and instruction for K-12 settings.

**LEC 717 GRANTS PLANNING AND MANAGEMENT 3**  
Presents strategies to identify relevant funding sources at the local, regional, and national levels and to prepare, submit, and manage effective proposals.

**LEC 718 PRINCIPLES AND PRACTICES IN INSTRUCTIONAL SUPERVISION 3**  
Presents and reviews strategies and techniques of supervising instruction. Models of supervising instructional programs are analyzed, interpreted, and evaluated.

**LEC 776 INTERNSHIP SEMINAR 3**  
Is taken concurrently with or prerequisite to LEC 777. The seminar provides opportunity to discuss and critique internship activities. Grades of P (Pass), F (Fail) or NC (No Credit) will be awarded.

**LEC 777 INTERNSHIP 3-6**  
Provides a supervised on-site educational experience in curriculum, instruction, supervision, or administration. Grades of P (Pass), F (Fail) or NC (No Credit) will be awarded.

**LEC 799 DISSERTATION 3-9**  
Grades of P (Pass) or NC (No Credit) will be awarded.

### ENGLISH

**ENG 560 THE IDEA OF TRAGEDY (THE TRAGIC VISION) 3**  
Studies the various theories of tragedy. The course includes classical theories as presented in Aristotle through F.R. Leavis in the modern era. A comparative study of the Greek and European tragic vision will be made.

**ENG 562 THE IDEA OF COMEDY (THE COMIC VISION) 3**  
Studies the comic vision as expressed in the work of Henri Bergson and George Meredith, Freud and Oscar Wilde. A comparative study of the Greek and European visions of comedy will be made.

**ENG 564 THE CONCEPT OF THE HERO 3**  
Examines the changing concept of the hero. A comparative study of the Greek and Shakespearean heroes will be made. Attempts will be made to study the concept of the hero in traditions other than the western tradition.

**ENG 566 THE CRITICAL SPECTRUM 3**  
Provides opportunity for graduate students to practice literary criticism. Emphasis is placed on criticism related to the writing of a thesis or dissertation. The various theories of criticism from Aristotle's Poetics to Reader-Response will be studied.

**ENG 567 APPLIED LINGUISTICS 3**  
Reviews modern linguistic theories and their application to the use of language.

**ENG 568 THE CHILD IN LITERATURE 3**  
Examines the portrayal of children in literature. Attempts will be made to study the different perceptions of the child in different cultures.

## GRADUATE COURSES OF INSTRUCTION

**ENG 570 INDEPENDENT STUDY/ (SPECIAL TOPICS) 3**  
Meets specialized needs of non-traditional students outside a classroom setting.

### FOODS AND NUTRITION

**FN 501 NUTRITION AND CHILD GROWTH 3**  
Examines nutritional needs during reproduction, growth and later life. Focus on young children from standpoint of nutritional behavior management and intellectual growth.

### HISTORY

**HIST 540 THEMES IN WORLD CIVILIZATION 3**  
Focuses on selected topics that have significantly impacted world history. Because this course is designed to cover a wide range of internationally momentous themes, their coverage will be topical and selective rather than chronological.

**HIST 541 INTERPRETATIONS OF AMERICAN HISTORY 3**  
Concentrates on readings that represent interpretive pieces which illuminate different problems emanating from diverse values with America's past.

**HIST 542 THE THIRD WORLD IN CONTEMPORARY SOCIETY 3**  
Focuses on the dynamics of the transformation from largely rural to largely urban societies in Latin America, Africa, and Asia.

**HIST 543 DIRECTED STUDY IN HISTORY 3**  
Provides opportunity for properly qualified graduate students to undertake special out-of-class work on research problems exploiting a value dilemma which reviews the techniques of research utilized by historians and social scientists. (Elective)

**HIST 544 THE ETHNIC DIMENSION IN AMERICAN HISTORY 3**  
Focuses on several major assumptions governing the approach to the ethnic history of the United States. It examines the pluralism of American society and the manner in which it has shaped the course of American history. (Elective)

**HIST 547 CONTEMPORARY HISTORY OF LATINOS IN THE UNITED STATES 3**  
Studies the evolution of Spanish-speaking in American society, cultural conflicts, the quest for self-identity, and social-economic justice. (Elective)

**HIST 548 STUDIES IN INTELLECTUAL HISTORY 3**  
Analyzes various intellectual problems involved in twentieth century politics, social and economic development, and philosophy. (Elective)

### HUMANITIES

**HUM 500 FACT, FICTION, AND FAITH: PROBLEMS AND PERSPECTIVES 3**  
Introduces the student to issues of knowledge, faith and creativity as a preparation for further study in the humanities and literature. Included are philosophical issues such as the nature, limits, and means of acquiring human knowledge; the nature of religious faith and its relationship to knowledge; and literary creativity as a means of expressing ideas.

**HUM 501 TWO MODES OF THOUGHT 3**  
Examines two artistic movements: Romanticism and Classicism as modes of artistic creation. The basic mode of analysis will be comparison and contrast.

**HUM 503 ART AND MUSIC AS EXPRESSIVE MEDIA 3**  
Reveals art and music as media of expressions. Selected master works of art and music from the 18th through the 20th centuries will be examined. Examinations will include a look at the works, lives, and values of the artists. The unique concepts of societies and the artists will be stressed.

**HUM 504 THE BIBLE AS LITERARY TRADITION 3**  
Acquaints the student with the literature and ideas of the biblical tradition in socio-literary context. Students will compare various literary genres represented in the Bible and parallel literature from the ancient Mediterranean worlds.

**HUM 505 PERSPECTIVES ON INTERCULTURAL COMMUNICATION 3**  
Studies cultures and communication patterns of the peoples of various countries and regions in the world. It focuses on communication-culture relationships. This course places special emphasis on understanding the social and cultural diversities in the world and their importance to our nation.

**HUM 507 PROSEMINAR 3**  
Introduces graduate school writing. The essay writings are divided into four kinds: research, analytic, critical, and interpretive. Frequent use of the computer labs is required. The course should be taken the first semester of graduate work. All MALA students are required to take this course. The student must earn at least B in the course.

**HUM 511 TECHNOLOGY AND SOCIETY 3**  
Explores technology from the interdisciplinary perspective. Technology's utopian possibilities and the problems it raises for society will be the focus. Texts include selections from scientists, artists, philosophers, novelists, and social critics.

**HUM 580 SPECIAL TOPICS IN HUMANITIES 3**  
Provides an intensive study of specific topics in humanities. The specific topics will be designated each time the course is offered. May be repeated when the topic is different.

**HUM 590 CULMINATING PROJECT 3**  
Exposes the student to writing a thesis or completing a major project. The student formulates a committee of three faculty members. Under the supervision of the advisory committee the student chooses a topic in his/her area of specialization. The student will be required to complete a thesis or project within a set time frame. (Elective)

### MASS COMMUNICATION

**MC 500 GRADUATE ORIENTATION TO MASS COMMUNICATION 3**  
Introduces students who do not have any background in mass communication to the structure and practices of the mass media, legal and ethical issues as well as the impact of media on society.

**MC 504 PROFESSIONAL JOURNALISTIC WRITING 3**  
Introduces students to the study of journalistic principles of information gathering, writing, reporting, and editing for print, broadcast, and online news media. Students will examine news media roles and perspectives in relation to their writing, editing, and reporting styles.



## GRADUATE COURSES OF INSTRUCTION

### **MC 505 THEORIES OF MASS COMMUNICATION 3**

Provides a broad review and intensive study of basic theories related to the processes and effects of mass communication. It will draw extensively from the behavioral sciences literature. The course will also highlight the influence of the behavioral sciences on the theoretical foundations in communication.

### **MC 510 RESEARCH METHODS IN COMMUNICATION 3**

Introduces students to basic concepts in qualitative and quantitative methods of scientific inquiry with emphasis on the fundamentals or foundations of qualitative methods of inquiry, including historical research, field observations, focus groups, interviews, case studies, and library research. Students will be exposed to principles of guiding design, data collection and analysis, and writing a research proposal.

### **MC 512 APPLIED RESEARCH METHODS IN COMMUNICATION 3**

Is an extension of MC 510. It emphasizes the fundamentals or foundations of quantitative methods of inquiry including design, data collection and analysis, hypothesis testing, writing and reporting research results. This course also focuses on survey research, content analysis, and print/electronic media research.

### **MC 515 CROSS-CULTURAL COMMUNICATION 3**

Focuses on issues of diversity. These include ethnicity and gender, as they relate to groups in society and mass communication fields. Problems and issues involved in communicating across cultures, either interpersonal or through the media are examined.

### **MC 520 HISTORY OF MINORITY AND ETHNIC MEDIA 3**

Studies historical trends and growth of minority and ethnic media in the United States. Special emphasis is placed on Native American, African-American, Hispanic and Asian-American media, including the specialized media produced by recent immigrant groups. The course allows students to compare these media with mainstream media.

### **MC 525 MEDIA RESPONSIBILITY AND ETHICS 3**

Studies ethical, legal and social issues faced by the media and journalists in the coverage of events. Course material will include case studies and contemporary issues. Students will be expected to relate the issues to social responsibility and the media.

### **MC 535 PERSPECTIVES IN INTERCULTURAL COMMUNICATION 3**

Studies cultures and communication patterns of the peoples of various countries and regions of the world. It focuses on communication-culture relationships. The course places special emphasis on understanding the social and cultural diversities in the world and their importance to our nation.

### **MC 558 PRINCIPLES OF CORPORATE COMMUNICATION 3**

Studies the internal and external modes of corporate communication. It examines how corporations develop and implement their communication channels for effective functioning. Integrated communication will also be discussed.

### **MC 560 CAPSTONE RESEARCH PROJECT 3**

Provides the student an opportunity to complete a supervised or directed research project on an issue or topic of interest to the student in the field. It allows the student to apply relevant concepts from earlier courses toward the development of a scholarly research paper of no less than 25 pages.

### **MC 562 MEDIA, PUBLIC OPINION AND CULTURE 3**

Studies the interdependent relationships of media, public opinion and culture. It will be accomplished through a look at both practical and theoretical perspectives of how various media shape and form public opinion and their possible effects on cultures. How cultures and public opinion affect media content are examined.

### **MC 580 INTEGRATED MARKETING COMMUNICATION 3**

Examines the working of marketing communication that uses a combination of tools such as advertising, public relations, sales promotion, direct marketing, and more recently the Internet. With emerging technologies becoming more sophisticated, corporations are finding new ways of using these functions more efficiently. This course examines the new uses of the complementary functions and the benefits that accrue to organizations.

### **MC 585 PUBLIC RELATIONS MANAGEMENT 3**

Examines the methods (verbal and nonverbal) forms, processes and channels used by corporations to communicate with their publics. The term management is synonymous with guidance, conduct, control, and actions taken to accomplish a set of goals. Therefore, this course uses a case study approach to determine how organizations manage their internal and external communication.

### **MC 590 COMPARATIVE COMMUNICATION SYSTEMS 3**

Studies and critically analyzes communication systems of various countries. Emphasis will be placed on the differing ideological orientations and political philosophies that guide the media formats. The course also studies the relationship between national communication policies and political philosophies.

### **MC 594 PROFESSIONAL PRACTICUM 3**

Provides a supervised advanced-level experience in a professional communication environment of a business or non-profit organization. The purpose of the practicum is to provide the student a meaningful high-level professional experience. The experience should expand the student's understanding and application in an increasingly merging communication environment in which the student will embark on a career.

### **MC 595 MASTER'S THESIS 6**

Provides culminating exercises in the graduate program. Students are challenged to identify a conceptual research problem developed on the basis of their academic experiences from the contents of the courses completed. Students will define and investigate the problem in an original research design to add to the existing knowledge.

### **MC 598 SPECIAL TOPICS 3**

Involves an in-depth study of contemporary social, professional or historical issues in mass communication. A broad range of issues would be pooled by the faculty members teaching this course. On a per semester basis, the graduate faculty will direct research on selected topics.

\*Required of students who choose the thesis option.

## **MATHEMATICS**

### **MATH 502 NEW PROGRAMS AND TECHNIQUES IN MATHEMATICS 3**

Analyzes the newer mathematics programs, mathematics curriculum materials and model teaching strategies in mathematics of Early Childhood, Elementary, and Middle School Teachers (K-

## GRADUATE COURSES OF INSTRUCTION

9). Competence will be determined through discussions and demonstrations of content, materials and teaching strategies of selected programs in mathematics.

**MATH 503 MODERN ALGEBRA FOR ELEMENTARY TEACHERS II** 3

Studies algebraic concepts and structures relevant to grades K-9. Structure of familiar number systems compared and contrasted with other mathematical systems.

**MATH 504 GEOMETRY FOR ELEMENTARY TEACHERS III** 3

Examines geometry relevant to grades K-9. Logic, incidence, separation, congruence, parallelism, similarity, coordinate systems, measurement, and construction and transformational geometry.

**MATH 507 MODERN MATHEMATICS FOR ELEMENTARY TEACHERS IV** 3

Studies algebraic structure of the number system, whole number concepts, number sense, set and logic numeration, number theory, modular arithmetic, rational numbers, graphs, probability and statistics, metric system, measurement, problem solving, and intuitive geometry.

**MATH 510 MATHEMATICS FOR MIDDLE/HIGH SCHOOL TEACHERS III** 3

Involves problem solving as a method of inquiry and applications from within and outside of mathematics. Topics to be covered are: number system through rational numbers, informal geometry (mensuration, graphing, geometrical constructions, similarity and congruence); methods of teaching mathematics at the middle/high school level.

**MATH 511 MATHEMATICS FOR MIDDLE/HIGH SCHOOL TEACHERS IV** 3

Involves problem solving as a method of inquiry and applications from within and outside of mathematics. Topics to be covered are: the real number system, elementary probability and statistics, coordinate geometry, and methods of teaching mathematics at the middle/high school level.

**MATH 520 A SURVEY OF ELEMENTARY FUNCTIONS AND ADVANCED TOPICS** 3

Exposes the students thoroughly with algebraic, trigonometric, and transcendental functions. Students will gain understanding of these functions and other advanced topics by solving number of applied problems.

**MATH 524 APPLIED CALCULUS** 3

Reviews techniques of differentiation and integration. Applications of differential and integral calculus to areas of biology, chemistry, economics, engineering, and physics.

**MATH 526 SPECIAL TOPICS ON MODERN ALGEBRA** 3

Provides an in-depth exploration of topics drawn from students' experiences based on their interest. The course material will be drawn from a variety of topics such as groups, fields, linear transformations, modules, and canonical forms.

**MATH 528 SPECIAL TOPICS IN GEOMETRY** 3

Encompasses techniques and ideas relevant to applications in engineering and sciences. Topics covered are the geometry of curves and surfaces, curvatures, minimal surfaces, the calculus of variations and geometry, linear algebra and analysis from a geometric point of view, and a glimpse at higher dimensions.

**MATH 530 SPECIAL TOPICS IN REAL ANALYSIS** 3

Covers theory of measure, integration, functional analysis, analytic sets, Banach spaces, Hilbert spaces, Fourier series, and Stokes theorem on manifolds.

**MATH 532 RESEARCH IN MATHEMATICS** 3

Emphasizes the design and management of mathematics based research project. Students will select a well defined project and execute a thorough investigation. A research paper must be written and an oral presentation given. Prerequisite: Approval by the department head.

### MUSIC

**MUS 501 MUSIC HISTORY BEFORE 1750** 2

Provides a comprehensive study of the periods and styles of music and its performance from antiquity to contemporary experimentalism. Prerequisite: Graduate Standing.

**MUS 502 MUSIC HISTORY 1759 TO PRESENT** 2

Provides a comprehensive study of the periods and styles of music from 1750 to the present. Prerequisite: MUS 501.

**MUS 509 INDEPENDENT STUDY IN MUSIC** 1-3

Provides opportunity for graduate students who wish to do advanced projects in performance, composition, or research. The student is assigned to a supervising faculty member with expertise in the area of the proposed project. Faculty permission is required for admission to this course.

**MUS 511 MAJOR APPLIED INSTRUMENT OR VOICE** 2

Provides individual instruction on the graduate level on the student's principal instrument or voice. Emphasis is on technique and literature of advanced difficulty. Admission is by audition.

**MUS 512 MAJOR APPLIED INSTRUMENT OR VOICE** 2

Provides a continuation of MUS 511. Further individual instruction is given on an advanced level in technique and literature. Prerequisite: MUS 511.

**MUS 531 THE MUSIC EXPERIENCE: SOME ISSUES AND PROBLEMS** 3

Studies aesthetic and stylistic problems in music with brief surveys of parallel situations in other arts, where applicable. Bibliographic research, basic aural analysis, and master of basic terminology is required. Prerequisite: Basic skills in reading musical notation. Admission is by permission of the instructor.

**MUS 532 MAN'S MUSICAL IDEAS: THEIR DEVELOPMENT AND EXPRESSIONS** 3

Studies selected masterpieces of music with emphasis on the ways musical ideas are treated in various styles. Prior experience in analysis is required. Admission is by permission of the instructor.

**MUS 533 EXPERIENCES WITH MUSIC OF THE PAST** 3

Surveys selected musical compositions, composers, forms, practices, instruments, and treatises from 1500 to 1800. Prerequisite: Basic skills in reading musical notation. Admission is by permission of the instructor.

### NURSING

**NUR 500 WRITING SEMINAR FOR PROFESSIONAL NURSES** 3

Presents an introduction to writing skills for nurses at the graduate school level. Emphasis will be placed on interpretive, analytical, and evaluative thinking and writing skills. This is a preparatory course for writing required in nursing papers submitted for publication, research projects, and theses.

**NUR 501 ADVANCED NURSING SCIENCE THEORY** 3

Explores the philosophical and theoretical foundations of nursing.



## GRADUATE COURSES OF INSTRUCTION

unit and their responses to actual or potential health problems are analyzed. Cultural, spiritual, ethnic, and developmental aspects of the family are explored. Prerequisite: Admission to School of Nursing Graduate Program.

**NUR 546 NURSE PRACTITIONER:  
ADVANCED HEALTH MANAGEMENT III 6**

Emphasizes the role identification of the family nurse practitioner in providing health care management for infants, children, and adolescents. Clinical experiences occur under the direction of an approved preceptor in primary health care settings. Two lecture hours, four hours clinical. Prerequisite: NUR 544.

**NUR 547 NURSE PRACTITIONER ROLE II 1**

Evaluates the roles of the advanced clinician. The development of strategies for transition to post graduate practice environments is also examined. Prerequisite: NUR 544.

**NUR 548 NURSE PRACTITIONER:  
ADVANCED HEALTH MANAGEMENT IV 7**

Places emphasis on role acquisition of the family nurse practitioner in providing health care for clients of various ages across the life span. The focus of the student in this course includes monitoring and evaluation of quality health care practices, as well as integration of organizational systems and protocols in the management of primary care needs of clients. Clinical experiences provide the student with the opportunity to demonstrate assimilation of the dimensions of advocate, case manager, and leader. Two hours lecture, five hours clinical. Prerequisite: NUR 546.

**NUR 550 INDEPENDENT STUDY 3**

Provides the graduate nursing student an opportunity to investigate an area of specialty to enhance advanced nursing practice skills and knowledge under the supervision of a designated graduate nursing faculty member. Prerequisite: Permission of the MSN Program Director.

**NUR 552 ADVANCED PHARMACOTHERAPEUTICS 3**

Presents a study of the pharmacodynamics and pharmacotherapeutics of drugs used in the management of acute and chronic medical conditions in primary care practice. Alternatives to drug therapies will be appraised. Prerequisite: NUR 505.

**NUR 580 RESEARCH PROJECT 3**

Integrates theoretical and empirical knowledge in the development of a research project. The research project is related to rural or urban health care needs for the nurse practitioner. Prerequisite: NUR 503.

**NUR 590 THESIS 3-6**

Integrates theoretical and empirical knowledge in the development of a thesis. The course may be continued once for credit. Prerequisite: NUR 503.

**NUR 599 COMPREHENSIVE EXAMINATION 0**

Is a written examination that encompasses integration of the knowledge base of master's level of graduate nursing education. The course is completed in the final semester of program study.

### PHILOSOPHY

**PHIL 501 PHILOSOPHICAL FOUNDATIONS  
OF CULTURE I 3**

Focuses on the treatment of Pre-Enlightenment philosophical issues foundational to Western Culture.

**PHIL 502 PHILOSOPHICAL FOUNDATIONS  
OF CULTURE II 3**

Focuses on a treatment of Post-Enlightenment philosophical issues.

**PHIL 545 ETHICAL THEORIES OF  
THE WESTERN CULTURE 3**

Examines the major ethical theories of western cultures, beginning with those of Socrates, Plato, and Aristotle. Each view is approached historically and analytically. Other theories studied include those of Kant, More, St. Thomas Aquinas, St. Augustine, Hume, Ross, Nietzsche, and Mill.

**PHIL 546 CONTEMPORARY MORAL ISSUES 3**

Provides an analytical study of major contemporary moral problems. Issues include abortion, sexual perversion, suicide, euthanasia, war, nuclear deterrence policy, prejudice and discrimination, punishment, human rights, and political obligation.

**PHIL 547 POLITICAL PHILOSOPHY EAST AND WEST 3**

Examines important political philosophers critically, such as Locke, Man, Lenin, Rousseau, Moa, Rawls, Nozick, and others.

**PHIL 548 METAPHYSICS 3**

Traces how men and women have understood metaphysical concepts and how these are relevant to the rational expression of ideas of meaning and value.

**PHIL 549 PHILOSOPHY OF RELIGION 3**

Explores different ideas of God, beginning with the Greeks and ending with contemporary thinkers such as Paul Tillich. The problems of evil (pain, sin, and finitude) are discussed in detail as are the traditional arguments of the existence of God.

**PHIL 551 INDEPENDENT STUDY 3-6**

Provides an intensive independent study of philosophy, philosophical problems or the philosophical movement under the direction and supervision of one or more members of the area of philosophy. This course may be repeated for credit.

### PHYSICS

**PHYS 541 ELECTRONICS FOR  
SECONDARY TEACHERS 4**

Provides opportunity for science teachers to become better acquainted with electronic devices and components which are used both in middle and high school science laboratories. Hands-on experiences will be emphasized.

**PHYS 542 MECHANICS FOR  
SECONDARY TEACHERS 4**

Develops techniques for demonstrating fundamental principles of mechanics. The course emphasizes the use of objects and systems from common experience to teach basic concepts of mechanics. Class meetings include three one-hour lectures and one two-hour laboratory per week.

**PHYS 543 INTRODUCTORY OPTICS FOR  
SECONDARY TEACHERS AND  
JUNIOR COLLEGE TEACHERS 4**

Provides opportunity for science teachers to become better acquainted with electronic devices and components which are used both in middle and high school science laboratories. Hands-on experiences will be emphasized.

**PHYS 555 NEW TECHNOLOGIES IN PHYSICS AND  
PHYSICAL SCIENCE TEACHING 3**

Integrates the basic concepts and principles of physics and physical science into various calculator-based laboratory (CBL)

# GRADUATE COURSES OF INSTRUCTION

activities. The course emphasizes hands-on experience and activity development which is designed primarily for middle school and high school teachers.

## POLITICAL SCIENCE

**PS 512 THE LEGISLATIVE PROCESS 3**  
Studies congressional organization and behavior, legislative decision-making and relations with other government institutions and with the electorate.

**PS 513 SEMINAR IN AMERICAN GOVERNMENT AND POLITICS 3**  
Studies political party activity and political behavior. Intensive research investigation using current methodological approaches to the problem. Special emphasis is placed on urban politics.

**PS 516 AMERICAN JURISPRUDENCE 3**  
Discusses the development of law and legal systems; consideration of fundamental legal concepts; contribution and influence of modern schools of legal philosophy in relation to law and government. Special emphasis is placed on the American system. (Elective)

**PS 517 THE CONSTITUTION AND CIVIL RIGHTS 3**  
Examines the supreme court as a political instrument for defending and enlarging civil rights; leading cases in civil rights, their background, causes, and effects. (Elective)

**PS 522 EUROPEAN GOVERNMENTS AND POLITICS 3**  
Addresses social forces, political parties, and patterns of government organization of major continental countries and Great Britain. (Elective)

**PS 525 WOMEN IN AMERICAN POLITICS 3**  
Examines the role of women and other minorities in local, state, and national politics in America. (Elective)

**PS 530 THE BLACK IN AMERICAN POLITICS 3**  
Surveys contemporary power politics of African Americans; analysis of factors underlying the struggle for equality, justice, and participation in local, state and national governments. (Elective)

**PS 531 GOVERNMENT AND POLITICS IN AFRICA 3**  
Provides a comparative study of the government and politics of the East or West African states, including the relationships between political development, political organization and social structure. (Elective)

**PS 546 COMPARATIVE POLITICAL SYSTEMS 3**  
Provides a comparative study of national political systems, with an emphasis on cross-national relationships and comparative analysis.

## PSYCHOLOGY

**PSY 500 SEMINAR IN SYSTEMATIC PSYCHOLOGY 3**  
Examines the history of psychology through a comparative study of the schools of thought in contemporary psychology.

**PSY 505 MASTERS OF PSYCHOLOGY 3**  
Focuses on a review of the history of psychology through a comprehensive look at the work of the forerunners of psychology.

**PSY 510 THEORIES OF COUNSELING PSYCHOLOGY 3**  
Provides a comparative study and critical analysis of the theories of counseling psychology. Emphasis is placed on the practical application of these theories to human behavior.

**PSY 521 THEORIES OF SOCIAL PSYCHOLOGY 3**  
Provides a review and analysis of contemporary trends in theory development as it relates to social psychology, a review of research methods, and studies related to the practical application of social psychological theory. (Elective)

**PSY 522 SEMINAR IN GROUP DYNAMICS 3**  
Studies how small groups function, including analysis of theory and research concerning such group processes as decision making, group pressure, cooperation and competition, leadership, and communication. (Elective)

**PSY 526 PSYCHOLOGICAL MEASURING INSTRUMENTS 3**  
Reviews assessment instruments used in psychological evaluation and diagnosis. Emphasis is on test construction, administration, and scoring. Classroom activities will be employed to demonstrate procedures. (Elective)

## PUBLIC ADMINISTRATION

**PA 500 PRINCIPLES OF PUBLIC ADMINISTRATION\* 3**  
Examines theories of public administration. It surveys the character and scope of public administration in the U.S. at national, state, and local level. This is a required course for all beginning MPA students.

**PA 501 RESEARCH METHODOLOGY AND DATA ANALYSIS\* 3**  
Studies traditional and modern research techniques. It reviews data collection and analysis. Included for studies are methods of formal preparation and presentation of reports, charts, graphs, and memoranda.

**PA 502 ORGANIZATION THEORY AND BEHAVIOR\* 3**  
Explores critical issues on how public organizations are managed. It will focus on alternative theories, and models to describe and explain behavior of individuals in an organizational context. Organization theories will be critically analyzed. Prerequisite: PA500.

**PA 503 STATISTICS IN THE PUBLIC SECTOR\* 3**  
Examines basic concepts underlying sampling, probability, statistical inference and decision making. Techniques covered will include the use of computer applications in the public sector. Prerequisite: Elementary Statistics.

**PA 504 PUBLIC PERSONNEL ADMINISTRATION\* 3**  
Studies techniques of selection, retention, promotion, classification, productivity, recruitment, examination, and placement of personnel and problems of position classification. It also surveys training, supervision, motivation, employee relations, work load, and performance standards. The evolving nature of contemporary public personnel administration is also critically reviewed in this course.

**PA 505 PROSEMINAR IN AMERICAN GOVERNMENT 3**  
Provides students who have little or no previous course work with information concerning political science/public administration. It familiarizes students with the basic institutions of American Government as they are related to the public policy process. Study of public administration is also included.

**PA 506 PUBLIC BUDGETING AND FINANCIAL MANAGEMENT\* 3**  
Studies financial administration and trends in government units

## GRADUATE COURSES OF INSTRUCTION

with special emphasis on federal budget making process. It also studies concepts and activities in fiscal management, monetary policy, taxation, revenue planning, capital budget, debt management, and fiscal controls. Development of analytical skill is necessary since the course deals with a lot of data and figures.

**PA 507 INDEPENDENT STUDY 3**

Provides opportunity for students who want to do work in an area where no formal course is available or in an area where they have already completed one or more formal courses. Approval from student's adviser, and instructor must be obtained to enroll in this course. This course cannot be used to substitute for any required core courses.

**PA 508 ETHICS/ACCOUNTABILITY IN PUBLIC ADMINISTRATION 3**

Explores the philosophical foundations of ethical thought. Behavioral issues are studied within the context of public policy decision-making at both the individual and organizational level. It also studies ethical dilemma facing public administration and conducts simulation to enhance the understanding of real world ethical issues.

**PA 510 ADMINISTRATION OF STATE AND LOCAL GOVERNMENT 3**

Examines American State/Local government. It examines the nature, processes, structure, functions, and sources of revenues. Types of expenditures of state and local governments as they relate to and influence administration within the respective governmental context is also studied.

**PA 511 LEADERSHIP CONCEPTS FOR PUBLIC MANAGEMENT 3**

Studies historical, philosophical, and emerging approaches to leadership in public services. It also examines objective setting and problems solving, effective meetings and work groups, conflict resolution, effective communications in public organization. Citizen participatory process in modern governmental activities is part of the studies.

**PA 512 POLICY FORMATION, IMPLEMENTATION AND EVALUATION 3**

Studies qualitative and quantitative techniques for systematic assessment of government activities. Methods of evaluation of program operations and achievement of primary and secondary objectives are introduced. This course also examines the professional approaches in developing and implementing policy choices/options.

**PA 513 ADMINISTRATIVE LAW 3**

Studies functions and impact of judiciary system in public administration. It examines the development of administrative law, importance of rule of law and due process, separation of power, delegation of legislative power, safeguards against arbitrary administrative procedures and statutes. It also studies judicial review, rule making, tort laws and critical review of important court cases.

**PA 514 CITY MANAGEMENT 3**

Studies modern roles and approaches of city management. It examines nature and problems of professional management within administrative and political settings of city administration. Emphasis is on the city administration in the United States.

**PA 515 INTERGOVERNMENTAL ADMINISTRATION 3**

Provides an examination of the levels of institutions of government. It includes their power and relationships within the framework of modern American federalism. It extensively studies the economic, political, and institutional relationship among federal, state/local government and their agencies.

**PA 516 TAXATION AND REVENUE POLICY 3**

Studies assumptions, potentialities, problems, and social impact of alternative public taxation and revenue sharing policies at the local, state, and federal levels. It also examines incentives and disincentives for private activities and utilization of the tax system to achieve public policy goods. Student must have knowledge on public policy.

**PA 517 ADMINISTRATIVE BEHAVIOR 3**

Introduces students to issues regarding individual, group and organizational aspects of administration. It also studies major approaches, model, and practices in management. This course uses a multi-disciplinary approach drawing on the fields of social psychology, sociology, communications, political science, and economics.

**PA 518 WOMEN & MINORITIES IN STATE/LOCAL GOVERNMENT 3**

Studies the political, socio-economic, and cultural factors that impact on women and minorities participating in state and local government entities. Special emphasis is placed on the role these groups are currently playing as managers. It includes the studies of all problems facing the groups.

**PA 519 COMPUTER ANALYSIS FOR PUBLIC MANAGERMENTS 3**

Provides general review of current, prospective and practical uses of modern computer technology and quantitative analysis in public management. It also studies effective information systems for decision making, planning and operational purposes. Emphasis is also placed on understanding internet and informative superhighway.

**PA 520 PUBLIC POLICY AND PROGRAM EVALUATION 3**

Reviews a variety of approaches to evaluating policies and programs. It includes qualitative and quantitative methods and experimental/quasi-experimental design. Discussions of methods for implementation of evaluation results in order to increase program efficiency are part of the studies.

**PA 521 TOPICAL SEMINAR IN PUBLIC POLICY 3**

Focuses on specific aspects in the study of public policy. It stresses policy development, policy processes, implementation, and evaluation, or public policy and the politics of bureaucracy. A different policy will be analyzed each time offered.

**PA 522 PERFORMANCE APPRAISAL 3**

Provides analysis of methodology used in determining effective wages and salary systems. It includes the factors, point ranking and classification systems. Students are involved in developing performance appraisal and objective measuring methods to meet needs of a variety of employees in a variety of organizations.

**PA 523 GRADUATE WRITING WORKSHOP 3**

Provides opportunities for students to increase their writing skills and practice evaluation of various forms of academic and practical public administration writing. Emphasis will be on the importance of good writing, grammar, and preparation of research reports. It includes the preparations of library, historical, survey and experimental research and data analysis. (Elective)

**PA 524 LABOR MANAGEMENT/ COLLECTIVE BARGAINING 3**

Provides an examination of the evolving field of public labor-management relations. It studies recent development in public employee relations and the review of pertinent federal, state, and local laws and court decisions. Case histories including analysis of situations that led to strike or impasses; art of labor

# GRADUATE COURSES OF INSTRUCTION

negotiations and handling of public employee grievances; comparison of labor relations in the private and public sector will be included.

**PA 525 HUMAN RESOURCES POLICY FORMATION AND ADMINISTRATION 3**

Studies the formulation of employee relations policies. It studies all policies pertaining to compensation, performance appraisals, promotions, labor relations and disciplinary procedures. Emphasis will be on the governmental organizations.

**PA 527 HUMAN RESOURCE MANAGEMENT: SELECTED TOPICS 3**

Provides training and background understanding of the systematic means for effective management of people and tasks. Topics include organizational structures, policies, process, staff training and development, personnel problems, employee conduct and relations. It also studies supervision, leadership styles and specific management skills to effective operation of public organizations and programs.

**PA 531 FISCAL MANAGEMENT IN STATE/LOCAL GOVERNMENT 3**

Studies typologies of operating and capital budgets, and financial and accounting systems at state and local government level. Perspective regarding the purposes and processes of decision making regarding cost effective budgets are discussed. Emphasis will be on the governmental and non-profit organizations to pursue creative fundamental tools.

**PA 540 INTRODUCTION TO HEALTH SERVICE SYSTEM 3**

Provides a broad introduction to the field. It examines the ethical, historical, philosophical, theoretical and political issues affecting the health service profession. Hospital costs, financing, health policy, and the role of various providers of health care system are examined.

**PA 541 CONTEMPORARY HEALTH SERVICE ISSUES 3**

Reviews all medical-care systems. It will concentrate on health profession's organizational structures, private health care agency, ambulatory care, long term care and national health insurance. Discussion will be on malpractice, cost control, political trends and future directions of profession.

**PA 542 PUBLIC HEALTH MANAGEMENT 3**

Provides an examination of planning and organization approaches to public health. It stresses project planning, leadership, decision-making, budgeting, delegation of power, licensure, accreditation and certification standards. It also studies grant management and operational considerations for health facilities.

**PA 543 HOSPITAL ORGANIZATION AND MANAGEMENT 3**

Provides an overview of the administrative elements of hospital functions. The approach is from the general to the particular, to provide students with an overall workable knowledge of hospital organizations. It also includes insight into certain typical and key departments of all hospital organizations.

**PA 544 ISSUES IN HEALTH CARE 3**

Provides an examination of current issues in the profession, administration, financing, and regulation of health care services. Students must choose topics to do research. It includes joint research by students and faculty.

**PA 546 SPECIAL TOPICS IN PUBLIC HEALTH 3**

Covers epidemiology, environmental health and occupational

medicine. It also includes health resource management, international health and other aspects of public health. Topics may vary from semester to semester.

**PA 547 LAW AND PUBLIC HEALTH 3**

Examines sources of legal authority and legal constraints. Emphasis will also be on patient rights, family planning, facilities regulations and inspection, food and drugs. Other relevant topics will be studied.

**PA 550 GROUP DYNAMICS IN ORGANIZATIONS 3**

Examines the individual and group processes which develop in organizations, particularly related to resistance or adaptation to change. It also studies interactions between individuals and small groups within and between organizations. Emphasis will be on governmental and non-profit organizations.

**PA 552 INTERNATIONAL ORGANIZATION ADMINISTRATION 3**

Deals with the aspects of public affairs that are conducted through institutionalized international cooperation and international management. It also studies the role of international governmental agencies (the U.N.) and affiliated agencies; discussion of staffing, financing, and leadership. Other factors influencing international administration will be studied.

**PA 553 ADMINISTRATIVE INTERNSHIP I\* 3**

Provides opportunity for experience in an appropriate operational setting where students may learn management under the supervision of professionals in the field. This is the practicum part. Students must complete a daily log of activities and submit the logs to the internship coordinator as instructed.

**PA 554 ADMINISTRATIVE INTERNSHIP II\* 3**

Provides opportunity for experience in an appropriate operational setting where students may learn management under the supervision of professionals in the field. This course is the analysis part of the Internship. With the approval of the department it may be taken concurrently with PA 553. (Formerly PA 509)

\*Required Courses

## SCIENCE

**SCI 500 SEMINAR IN THE NATURAL SCIENCES 4**

Provides seminar topics in selected areas for the biological, physical, and earth sciences illustrating the basic unit of science and the impact of science and technology on society. The effects of science on communications, on the use of energy, on the preservation of our natural environment, and on contemporary social values will be treated.

**SCI 503 SCIENCE CURRICULUM IN THE SECONDARY SCHOOL 3**

Apprises pre- and in-service secondary school teachers of national content and performance standards in science. It will provide a vision of what teachers need to understand and do to provide learning experiences for students taught by them.

**SCI 504 ELEMENTARY SCIENCE EDUCATION 3**

Improves the teaching of science. It deals with philosophy, principles, theory, methods, and content in teaching at the preschool, elementary, and junior high school levels.

**SCI 505 HISTORY OF SCIENCE 3**

Follows the development of scientific concepts, theories, and philosophies from the classical Greek period to the present. Emphasis will be placed on contributions made by various civilizations to the growth of specific fields of science.

## GRADUATE COURSES OF INSTRUCTION

**SCI 506 PHYSICAL SCIENCE FOR TEACHERS 4**  
Develops concepts, skills, and attitudes prerequisite to successful elementary science teaching, primarily for elementary school teachers. A contemporary based modular format is used to allow for individual needs and interests.

**SCI 530 SCIENCE FOR MIDDLE AND SECONDARY TEACHERS 6**  
Combines content and methods and materials primarily for middle and secondary teachers of biology, chemistry, physical and general science. An integrated format will be utilized by a team of science educators who will team-teach the course.

**SCI 535 SCIENCE AND SOCIETY 3**  
Studies the interrelations of science, environment and technology and an exploration of the biosocial problems that impinge on man, primarily for middle and high school teachers..

**SCI 540 EARTH SCIENCE FOR MIDDLE AND SECONDARY TEACHERS 4**  
Combines content, methods and materials in the area of earth science, primarily for the middle and high school teachers. Subject matter films, lectures and demonstrations in the area of geology, astronomy, meteorology and oceanography will be included.

**SCI 541 PRINCIPLES OF PHYSICAL GEOLOGY 4**  
Covers general principles of physical geology primarily for middle and high school teachers. Topics included are structure of the earth, origin and properties of minerals and rocks and geologic processes.

**SCI 542 PRINCIPLES OF ASTRONOMY 3**  
Introduces treatment of the science of celestial bodies, their motions, structure and interrelations, primarily for middle and high school teachers. This course also covers introductory concepts of cosmology and evolution.

### SOCIAL SCIENCE

**SS 500 SEMINAR IN THE SOCIAL SCIENCES 3**  
Offers an integrated approach to economic, political, and social institutions and an analysis of their contemporary significance. Reading of important classic and modern writings are required.

**SS 502 HISTORY AND LITERATURE IN THE SOCIAL SCIENCES 3**  
Includes history, literature, and society with emphasis on organizations of the humanities and social sciences and their relations to values. (Elective)

**SS 503 SOCIAL ISSUES IN EDUCATION 3**  
Concentrates on interdisciplinary inquiry into a variety of selected current issues in educational policy which involve strongly felt social values such as community control, religion in the schools, black curricula, decision-making, etc.

**SS 505 TRENDS AND STRATEGIES 3**  
Studies philosophy, objectives, techniques, materials media, curriculum trends in organizing, supervising, and improving the teaching of social sciences.

**SS 506 RESEARCH AND STATISTICAL METHODS FOR THE BEHAVIORAL AND SOCIAL SCIENCES 3**  
Examines current research in the social and behavioral sciences to determine both methodological and theoretical trends in the field. The students will find leads to researchable questions. They will use techniques of treating data from experiments and

surveys, including data distributions, sampling, correlation, regression, and hypothesis testing.

**SS 510 INDEPENDENT STUDY 3**  
Provides opportunity for a student to earn up to three semester hours required for the degree by means of an independent-study project. A paper is required. At least twelve semester hours in the Master of Arts in Teaching Social Science course work is a prerequisite. (Elective)

**SS 531 PRACTICUM I 3**  
Provides theory, methods, and strategies in teaching social science, and observations of teaching strategies, techniques, methods, teaching-student interactions, and group dynamics in teacher-learning situations.

**SS 532 PRACTICUM II 3**  
Involves teaching a college-level course in the social sciences under the supervision of a college instructor.

### SOCIAL WORK

**SWK 501 HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT I 3**  
Is the first of two foundation courses involving the study of human behavior throughout the life cycle. The course involves the study of human systemic domains from conception through adolescence, including the physical, psychological, societal, and spiritual domains, as they impact and are impacted by the environmental system. The course will utilize ecological systems and theories of human behavior with a critical focus on rural and African-American issues.

**SWK 502 SOCIAL WELFARE POLICY & SERVICES I 3**  
Is the first in a series of three social welfare policy courses. Students explore the history of social welfare to understand how social welfare policy is made and the impact of its outcome on vulnerable and at-risk-populations. Particular emphasis is placed on the concepts of social and economic justice and the unintended consequences of policy decisions on individuals served through the social welfare system.

**SWK 503 SOCIAL WORK PRACTICE I 3**  
Is the initial course of a two course foundation sequence. It provides a common frame-of-reference for viewing the practice of social work. It applies core principles of practice across the different client systems (micro, mezzo, and macro) and its primary focus is on individuals and families.

**SWK 512 FOUNDATION FIELD EDUCATION I 3**  
Provides students the opportunity to learn generalist skills in an agency setting under the supervision of an experienced social work practitioner a minimum of two days a week, fall semester.

**SWK 520 SOCIAL WORK PRACTICE II 3**  
Is the second course in the foundation practice sequence. It primarily focuses on communities, organizations, and society. This course completes the basic generalist foundation for advancement to the second year practice sequence.

**SWK 521 HUMAN BEHAVIOR & THE SOCIAL ENVIRONMENT II 3**  
Is the second of two foundation courses involving the study of human behavior throughout the life cycle. It builds on the first course by specifically focusing on the effects of culture, race and/or ethnicity, class, socioeconomic status, sexual orientation, gender, disability, age, rurality and other factors.



# GRADUATE COURSES OF INSTRUCTION

**SWK 522 FOUNDATION FIELD EDUCATION II 3**

Provides students the opportunity to learn and apply generalist practice skills in an agency setting at both the direct and indirect level of intervention. Students are placed under the supervision of a social work practitioner, a minimum of two days a week, spring semester.

**SWK 530 RESEARCH METHODS 3**

Enables students to acquire knowledge and skills that will enable them to design and develop a research project. Focus is on systematic ways of assessing and evaluating client system problems, social work interventions methods and the efficacy of social service delivery

**SWK 532 SOCIAL WELFARE POLICY & SERVICES II 3**

Offers a framework and other resources for critically analyzing social welfare policies. Students are able to examine policies in three representative areas of practice (child welfare, health and mental health) and then develop "model policies" relevant to a chosen topic. Particular attention is paid to how policies impact vulnerable populations, with an emphasis upon social and economic justice.

**SWK 560 STATISTICS 3**

Familiarizes students with the basic and fundamental process of research methodology. It covers important topics such as research problem formulation, research design, sampling, and methods of data gathering, data processing and analysis.

**SWK 602 SWK RESEARCH METHODS AND DATA ANALYSIS 3**

Examines various parametric and non-parametric univariate, bivariate and multivariate tests employed in inferential statistics. It also provides knowledge of the terminology, symbols, and methods used in inferential statistics. Students use SPSS application to understand and analyze computer print-outs.

**SWK 606 SEMINAR: SWK HISTORY AND FIELDS OF PRACTICE 3**

Examines the evolution of the social work profession with particular attention to the development of various fields/specialties in social work practice. The history will also be linked to current developments and practice within the different fields. It emphasizes the role of African Americans in the development of social work profession.

**SWK 629 ADVANCED RESEARCH 3**

Builds on the research sequence in the foundation curriculum. Students are required to write a thesis and successfully defend it.

**SWK 631 DIRECT PRACTICE I 3**

Builds upon the foundation practice sequence. It utilizes concepts from micro and mezzo practice. Content on values, ethics, and populations-at-risk is throughout the course to demonstrate the centrality of this knowledge to effective practice.

**SWK 633 DIRECT PRACTICE FIELD EDUCATION I 3**

Provides graduate students an opportunity to apply practice content at the advanced level. Students are provided an opportunity to apply advanced direct practice knowledge in an agency setting for a minimum of two days a week, fall semester.

**SWK 637 DIRECT PRACTICE II 3**

Builds on SWK 520; it provides a framework for macro practice with organizations and communities. It engages students in an exploration and validation of frameworks, principles, and skills in macro practice with organizations and communities to meet the

needs of individuals and families. An emphasis is on health, mental health, and child welfare settings.

**SWK 638 DIRECT PRACTICE FIELD EDUCATION II 3**

Emphasizes advanced interventions with communities and other organizational systems. Students are sometimes offered stipends (paid placements) upon availability, at this level (633 & 638). They are still required to attend an agency setting for two days a week for the semester.

**SWK 646 SOCIAL WORK SUPERVISION AND CONSULTATION 3**

Delineates and explores the principles, concepts and components of supervision in social work. The transition from worker to supervisor is examined. Consultation is defined and differentiated from supervision. Contemporary models and issues are presented for discussion, comparison, and evaluation. The focus will be on differential use of supervision with beginning and advanced level practitioners.

**SWK 651 SUBSTANCE ABUSE AND MENTAL HEALTH 3**

Briefly reviews federal, state, and local drug policies. It explores theories of addictive disorders and the roles of pharmacology and biological mechanisms of addiction. Emphasis will be on addiction and minority populations, especially African Americans and rurality. Knowledge of treatment utilizing varied methodologies at different system levels will be acquired. Dual diagnosis will be the mental health focus.

**SWK 652 FAMILIES AND COUPLES TREATMENT IN SOCIAL WORK 3**

Is an advanced elective designed for students interested in deepening their knowledge of and skills in direct practice with families and couples. The focus is on assessment, planning, and intervention with families and couples using state of the art technologies and research-based theoretical models that have proven effective.

**SWK 653 RESOURCE DEVELOPMENT 3**

Provides students with an opportunity to acquire basic information and practical experience in the preparation of grant proposals. In addition, background materials on public and private funding sources will be introduced to enable the students to prepare and submit a proposal appropriate for selected funding agencies. Students will also be introduced to the fundamentals of diverse fund-raising strategies.

**SWK 655 ADVANCED SOCIAL WELFARE POLICY AND SERVICES 3**

Emphasizes the relationship between social welfare policy and the law. It examines the impact of constitutional law on social welfare policy and liability and malpractice associated with social work practice. It provides students with information on client's rights and how judicial rulings, have affected policies in housing, child welfare, public assistance, mental health, and discrimination. The course promotes an understanding of the legal concepts that influence social welfare policy and social work practice.

**SWK 670 ASSESSMENT AND DIAGNOSTIC SYSTEMS 3**

Provides students with basic knowledge and use of the Diagnostic and Statistical Manual (DSM-IV), and the International Classification of Diseases (ICD-9) and their relevance to clinical social work. Focus is on improving diagnostic skills and strengthening the student's ability to conceptualize mental health in relations to ecological systems.



# GRADUATE COURSES OF INSTRUCTION

## SPECIAL EDUCATION

**SP ED 526 A STUDY OF THE EDUCATION OF STUDENTS WITH MILD/MODERATE DISABILITIES 3**

Provides an in-depth analysis of current practices, programs and research in the education of children with mild/moderate learning impairments.

**SP ED 527 MENTAL TESTS AND MEASUREMENTS PRACTICUM 3**

Provides a comprehensive, training and supervised experience in administering, scoring and interpreting selected standardized test batteries and assessment instruments. Focused on understanding criterion- and norm-referenced systems, as well as developing personalized intervention plans for students, using the collected data.

**SP ED 528 PROGRAM PLANNING FOR TEACHERS OF HANDICAPPED CHILDREN 3**

Examines formal and informal assessment and prescription resulting in appropriate programs for handicapped children (preschool/primary). Includes observation, planning and teaching individuals and small groups.

**SP ED 529 GROSS AND FINE MOTOR ACTIVITIES FOR PRESCHOOL HANDICAPPED CHILDREN 3**

Studies motor functions including range of motion, gait training, and other environmental adjustments that can be implemented by classroom teachers.

**SP ED 530 INTRODUCTION TO THE EDUCATION OF THE PRE-SCHOOL HANDICAPPED 3**

Examines theoretical and practical approaches to the education of the preschool child with special needs. Prerequisite: ED 501 Education of Exceptional Children or consent of instructor.

**SP ED 531 DESIGNING AND ASSESSING MATERIALS FOR THE MILDLY/MODERATELY HANDICAPPED 3**

Explores the development of teacher-made and commercially designed materials, media and equipment and their appropriate uses in the educational management of mildly/moderately handicapped children.

**SP ED 532 METHODS FOR THE PRE-SCHOOL HANDICAPPED CHILD 3**

Examines methods and materials to be used with pre-school handicapped children including intervention models, training procedures, and behavior management. Prerequisite: ED 530 Project in Education or consent of instructor.

**SP ED 533 PROGRAM DEVELOPMENT AND IMPLEMENTATION FOR EARLY CHILDHOOD AND PRE-SCHOOL HANDICAPPED 3**

Covers the process of development of content areas and their implementation in educational programs for young normal and handicapped children. Prerequisite: ECE 521 Education of the Young or consent of instructor.

**SP ED 534 DEVELOPING LANGUAGE COMMUNICATIVE HANDICAPPED AND NORMAL PRE-SCHOOLERS 3**

Deals generally with the relationship of language development and thinking to teaching the communicative skills to young children. Specific areas covered are activities designed to develop oral language facility writing (handwriting, spelling, functional and creative writing), and listening. Also specific techniques dealing with diagnosis of language development will be handled.

**SP ED 535 COMMUNITY RESOURCES FOR HANDICAPPED CHILDREN 3**

Guides candidates in exploring, identifying, preparing and using community and/or environmental resources for teaching handicapped children (preschool/primary) in the basic curricular areas.

**SP ED 536 ASSESSMENT AND EVALUATION PRESCHOOL HANDICAPPED CHILD 3**

Develops an understanding of the philosophy, types of tests, and techniques basic to the evaluation of young handicapped children. Remediation techniques will be examined as they relate to the assessment results.

**SP ED 537 LANGUAGE DISABILITIES 3**

Examines language disabilities of preschool-primary children and techniques teachers use to ameliorate the disabilities.

**SP ED 542 METHODS AND MATERIALS FOR TEACHING CHILDREN WITH LEARNING AND BEHAVIOR PROBLEMS 3**

Examines teaching approaches, methods and use of materials for teaching children with behavior problems and specific learning disabilities.

**SP ED 543 HUMANISTIC APPROACHES TO MANAGING MILD/MODERATELY HANDICAPPED 3**

Examines theoretical perspectives and strategies for modifying the academic, vocational, personal, and social behaviors of mild and moderately handicapped students using humanistic approaches and techniques.

**SP ED 550 PRACTICUM: MILD/MODERATELY HANDICAPPED 3**

Provides practicum experience involving the curriculum, methods, and principles of working with mildly/moderately children in school settings.

**SP ED 560 EDUCATIONAL PROCEDURES FOR THE EMOTIONALLY HANDICAPPED 3**

Applies current educational procedures for the emotionally handicapped e.g., behavior modification, prescriptive teaching. Also studied alternative administrative arrangements for the education of the emotionally handicapped student, and sources of materials for academic therapy.

**SP ED 567 DIAGNOSTIC/PRESCRIPTIVE TEACHING 3**

Provides a thorough study of informal and formal techniques of educational diagnosis and the utilization of these measures in developing individualized prescriptions based on diagnostic information.

**SP ED 568 BEHAVIORAL APPROACHES TO MANAGING MILDLY/MODERATELY EXCEPTIONAL CHILDREN 3**

Evaluates theory, research and issues in the major behavioral management techniques. Special attention devoted to assessing the effectiveness of these techniques in the management of mildly/moderately exceptional children.

**SP ED 569 CAREER AND PRE-VOCATIONAL STRATEGIES AND MATERIALS FOR EXCEPTIONAL CHILDREN 3**

Focuses on the identification, evaluation, and implementation of career and pre-vocational strategies; materials for differing disability levels will be integrated within a developmental structure of an individualized educational program. Emphasis will be focused upon the implementation of career and pre-vocational strategies and materials within regular vocational programs and special education resource rooms.

# GRADUATE COURSES OF INSTRUCTION

**SP ED 570 VOCATIONAL STRATEGIES AND PROCEDURES FOR EXCEPTIONAL CHILDREN 3**

Emphasizes occupational information, vocational assessment and training, job analysis and development, and selective job placement procedures for exceptional children and youth. Observation and participation experiences in selected school-based workshops and state operated vocational assessment/training centers are included.

**SP ED 571 PSYCHOLOGY OF LEARNING 3**

Provides an in depth study and application for major theories of learning with an emphasis on factors influencing the learning process, including memory, thinking, problem solving, imagery, language, and the self. Laboratory experiences included.

**SP ED 572 PSYCHO-EDUCATIONAL DIAGNOSIS AND APPRAISAL OF EXCEPTIONAL CHILDREN I 3**

Examines the theory and rationale in the use of psychoeducational instruments in applied settings with children, and an intensive overview of psychological testing, psychometric theory of intelligence, psychosocial measurement, language assessment, and perceptual-motor assessment.

**SP ED 573 PSYCHO-EDUCATIONAL DIAGNOSIS AND APPRAISAL OF EXCEPTIONAL CHILDREN II 3**

Focuses on the selecting, administering, scoring, and interpreting of psycho-educational language, perceptual-motor and social assessment instruments used for the evaluation and appraisal of children with special needs.

**SP ED 574 PSYCHO-EDUCATIONAL DIAGNOSIS AND APPRAISAL OF EXCEPTIONAL CHILDREN III 3**

Provides an opportunity for supervised laboratory experiences related to administering, scoring, and interpreting specialized instruments utilized in psychoeducational language, perceptual-motor, and psychosocial assessment.

**SP ED 575 LANGUAGE DEVELOPMENT IN CHILDREN WITH SPECIAL NEEDS 3**

Explores psycholinguistic factors influencing language dysfunction in exceptional children based on the development of normal children. Both the evaluation of language performance and the remediation of language deficits in the resource room will be stressed.

**SP ED 576 CONSULTING TEACHER STRATEGIES 3**

Provides assessment teachers and other special education personnel with consultation skills necessary to facilitate the integration of exceptional students in inclusive school-based and community programs.

**SP ED 580 PRACTICUM IN THE INSTRUCTION OF EXCEPTIONAL CHILDREN-I 3**

A (Administration); B (Behavior Disordered); H (Hearing Impaired) L (Learning Disabled); M (Mentally Retarded)- N (Non-categorical) O (Orthopedically and Health Impaired); V (Visually Impaired). Provides practicum experience in the education of exceptional children in settings appropriate to the graduate candidate's specialization.

**SP ED 581 PRACTICUM IN THE INSTRUCTION OF EXCEPTIONAL CHILDREN-II 3**

Provides practicum experience in the education of exceptional children in settings appropriate to the graduate's area of specialization. Simultaneous registration in SP ED 580 permitted.

**SP ED 582 PRACTICUM IN THE INSTRUCTION OF EXCEPTIONAL CHILDREN-III 3**

Examines educational procedures used in special education classrooms with emphasis on related problems involving curriculum, methods, and materials for exceptional learners.

## SPEECH AND THEATRE

**ST 504 STAGE AND STUDIO LIGHTING DESIGN 3**

Exposes the student to extensive practical experience in lighting design and execution. Emphasis in this course is placed on multiple designs in various locations and applications. The student will design projects that will be completed for at least three different periods.

**ST 508 TECHNICAL DIRECTION 3**

Provides opportunity for students to turn the designer's vision into reality. Special emphasis will be placed on budgets, labor, time lines and other decisions and duties of the T.D.

**ST 524 AMERICAN DRAMA AND THEATRE 3**

Exposes students to plays and playwrights in American drama and to architecture of American theatres and stages.

**ST 526 ADVANCED PHONETICS 3**

Exposes students to the study of the application of the International Phonetic Alphabet. The students will transcribe sentences and paragraphs using phonetic components (vowels, consonants, diphthongs, etc.).

**ST 570 ORAL INTERPRETATION OF DRAMATIC LITERATURE 3**

Studies authors and their works from the Greek period to the present day. The students will study human interest elements as incorporated in each work and recite works from specific authors.

**ST 571 THEATRE FOR CHILDREN 3**

Introduces the student to the theory and practice of theatre for children. The student will learn the art of the theatre such as the use of the five senses, movement, concentration, language, voice, character and roles. The student will also review literature appropriate for different age groups.

**ST 573 THEATRE PRACTICUM 3**

Examines theatre practice from the Greek period to the present. The student will develop individual projects and will be required to work on crews of major productions.

**ST 575 ORGANIZATIONAL COMMUNICATION 3**

Introduces the student to structure and function of communication in organizations. The student will learn the principles of effective communication and will develop a communication model.

**ST 578 INDEPENDENT STUDY 3**

Provides the opportunity for students to work independently with faculty members to complete requirements for a course that is not offered.

## SPORT ADMINISTRATION

**SPA 499 PRELIMINARY EXAMINATION 0**

Is a program admission exam that is screened, evaluated, completed, and filed. The internship selection process for SPA 513 must be initiated. Consult the graduate advisor.

**SPA 500 FACILITIES MANAGEMENT 3**

Covers issues and trends related to managing sport facilities,

## GRADUATE COURSES OF INSTRUCTION

event scheduling and coordination, security, facility budgeting and management, and public relations.

**SPA 501      LEGAL ASPECTS OF SPORT ADMINISTRATION      3**

Studies the legal aspects of business transactions encompassing a general law review, contracts, bids, sales, human resource management, employment practices, policy development, public relations, and issues of real and personal property.

**SPA 502      SPORT FINANCE      3**

Focuses on financial resource management, accountability, purchasing, budgeting, auditing, cost-benefit analysis, and fundraising in the sport industry.

**SPA 504      INTRODUCTION TO PERSONNEL ADMINISTRATION      3**

Studies principles and practices of human resource management. The course covers equal employment opportunities, job analysis, compensation, organization productivity, goal setting, personnel evaluation, and employment benefits and retirement factors.

**SPA 505      INTRODUCTION TO SPORT ADMINISTRATION      3**

Reviews issues and trends related to inter-school, intercollegiate, and professional sport programs and their relationship to education in general. Also reviewed are pertinent challenges, topics, and problems facing sport administrators today.

**SPA 506      TELECOMMUNICATIONS IN SPORT ADMINISTRATION      3**

Studies the relationship between multi-media and telecommunications in the field of sport administration. The interrelations between organizations and technology are studied.

**SPA 508      SPORT PSYCHOLOGY      3**

Reviews psychological factors affecting sport. Special reference is on human behavior, motor performance, the fan, the media, the athletic director, the coach, and motivation.

**SPA 509      SPORT GOVERNANCE      3**

Covers analysis of structure and function of sport governance models, to include the Olympic Movement, as well as professional, collegiate, amateur, and non-profit agencies and organizations.

**SPA 510      SPORT STATISTICS      3**

Emphasizes computing, interpreting, and reporting game statistics and other statistical data from professional, collegiate, public/private/parochial schools, amateur leagues, sport clubs and other sport venues.

**SPA 511      TECHNICAL AND SPORT WRITING      3**

Provides basic fundamentals and practical experiences of news writing, headline writing, editing and layout, to include media coverage, column writing and duties from the sport-desk of newspapers. Also includes writing for professional journals.

**SPA 512      LEADERSHIP DYNAMICS IN SPORT ADMINISTRATION      3**

Studies concepts of administrative power, leadership, team building, negotiation, communication, conflict management and other group dynamics concepts as they relate to the sporting enterprise.

**SPA 513      INTERNSHIP IN SPORT ADMINISTRATION      9**

Maintains supervised fieldbased experiences under the auspices of an administrator at a sport, recreation or related agency or organization. The internship selection process must begin during the first semester of program enrollment. SPA 599-Com-

prehensive Examination must be taken with this course. Consult the graduate advisor.

**SPA 514      RESEARCH METHODS IN SPORT ADMINISTRATION      3**

Covers research methods, designs, terminology, and basic statistical procedures culminating in a major research paper. SPSS-X analysis is used.

**SPA 515      INDEPENDENT STUDY IN SPORT ADMINISTRATION      3**

Allows for individual investigation of current issues and or problems in sport, recreation and or related subject fields. Consult the graduate advisor.

**SPA 516      SPORT NUTRITION      3**

Studies theories and practices of good nutrition as related to optimal physical performance. A review of diet plans is featured.

**SPA 517      MARKETING IN SPORT ADMINISTRATION      3**

Studies principles, strategies, and techniques used in effectively marketing sport related programs, activities, events, and services, to include market research, segmentation, and the 5 Ps of marketing.

**SPA 518      ETHICAL ISSUES IN SPORT ADMINISTRATION      3**

Reviews contemporary concepts and ethical-reasoning concepts in the administration of sport.

**SPA 519      ACADEMIC/ATHLETIC COUNSELING IN SPORT ADMINISTRATION      3**

Covers counseling principles, practices and procedures, to include contemporary issues and trends as applied to the athlete at the professional, collegiate and public/private/parochial school levels.

**SPA 520      LABOR RELATIONS AND SPORT      3**

Covers historical settings and conditions of the role of government in anti-trust legislation, employment, employee-employer conflicts, public interests, and economic resources useful in managerial decision making.

**SPA 521      SPORT MEDICINE/THEORY OF ATHLETIC INJURY MANAGEMENT      3**

Reviews a multi-disciplinary approach to prevention, evaluation, and treatment of sport and exercise related injuries.

**SPA 522      HISTORICAL FOUNDATIONS OF MODERN SPORT      3**

Entails an introduction to historical and contemporary issues and factors related to sport. The study of sport in ancient society to the present is reviewed.

**SPA 525      COMPUTER-BASED APPLICATION IN SPORT ADMINISTRATION      3**

Provides basic microcomputer literacy within sport settings for practical application. Laboratory experiences are required.

**SPA 526      SPORT FITNESS/HEALTH      3**

Provides specific content useful in administering and supervising health, fitness, and wellness programs for different sport.

**SPA 560      SPECIAL TOPICS IN SPORT ADMINISTRATION      3**

Features the format of a regular class or workshop and is used to cover recent topics in the area of sport administration.

**SPA 599      COMPREHENSIVE EXAMINATION      0**

Reviews exit requirements of the department, college, and university. The comprehensive examination in sport administration

## GRADUATE COURSES OF INSTRUCTION

is administered. SPA 513-Internship in Sport Administration must be taken with the course. Consult the graduate advisor.

### SPORT ADMINISTRATION (THERAPEUTIC RECREATION)

**TR 505 RECREATION AND LEISURE  
SERVICES FOR SPECIAL POPULATIONS 3**

Provides an in-depth study of the principles and practices utilized in assisting special populations in achieving optimal recreation and leisure fulfillments. Also studied are resources available from local, state and federal agencies regarding recreation and leisure services for special populations.

**TR 506 PROGRAM DEVELOPMENT AND  
EVALUATION IN THERAPEUTIC SERVICES 3**

Examines program development, planning and scheduling emphasizing evaluation techniques. Several assessment instruments and procedures are studied.

**TR 507 HISTORY AND PHILOSOPHY OF  
THERAPEUTIC RECREATION 3**

Studies the historical developments and different philosophical perspectives of therapeutic recreation. Study is applicable to organizational mission and purpose.

**TR 508 TREATMENT OF DISABLING CONDITIONS 3**

Studies the nature and etiology of various illnesses and disabling conditions. Site visitations and emphasis on physical assessments for therapeutic recreation integral course components. Field trips are required.

**TR 509 THERAPEUTIC RECREATION  
INTERNSHIP 6**

Maintains supervised field based experiences under the auspices of a certified therapeutic recreation specialist while interning at an approved recreation agency or organization. The internship selection process must begin during the first semester of program enrollment. A minimum of 400 clock hours are required. SPA 599 Comprehensive Examination must be taken with this course. Consult the graduate advisor.

# FACULTY

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*Professor of Educational Leadership*



# FACULTY

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In the following list of University faculty, the names of members holding graduate status are identified as full, associate or assistant.

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