



# Graduate Bulletin 2005-2006

The University of Southern Mississippi  
Hattiesburg, Mississippi 39406

Hattiesburg • Long Beach • Ocean Springs • Biloxi • John C. Stennis Space Center

GENERAL CATALOG ISSUE  
GRADUATE PROGRAMS  
ANNOUNCEMENTS  
2005-2006

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The University of Southern Mississippi is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelor's, master's, specialist's, and doctoral degrees.

The University of Southern Mississippi offers to all persons equal access to educational, programmatic, and employment opportunities without regard to age, sex, sexual orientation, religion, color, national origin, Vietnam-era veteran status, or disability status. These provisions are pursuant to applicable federal and state regulations. Inquiries concerning discrimination should be directed to the Office of Affirmative Action/Equal Employment Opportunity, 223 Weathersby Hall, The University of Southern Mississippi, Hattiesburg, Mississippi 39406-5168.

Information contained in this publication is subject to change without prior notice. Any changes in this publication are on file in the Registrar's Office. Information contained herein shall not constitute a binding agreement on the part of The University of Southern Mississippi.

The University of Southern Mississippi uses a portion of educational and general funds, including tuition and fees, for operating costs, including merit scholarships.

Students at The University of Southern Mississippi are responsible for knowing and complying with all requirements for their respective degrees as stated herein.

The colors of the University are black and gold.

The mascot is Golden Eagle.

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# Correspondence

Requests for a *Bulletin*, an application form, or information concerning admissions policies and procedures, room and board, and tuition may be addressed to

Graduate Admissions  
The University of Southern Mississippi  
118 College Drive #10066  
Hattiesburg, MS 39406-0001

Web site: [www.usm.edu/graduatestudies/](http://www.usm.edu/graduatestudies/)  
E-mail: [graduatestudies@usm.edu](mailto:graduatestudies@usm.edu)

Other correspondence may be addressed as follows:

Office of Graduate Studies  
#5024

Dean, College of Arts and Letters  
#5004

Dean, College of Business  
#5021

Dean, College of Education and Psychology  
#5023

Dean, College of Health  
#10075

Dean, College of Science and Technology  
#5165

The University of Southern Mississippi  
118 College Drive  
Hattiesburg, MS 39406-0001

# Academic Calendar

Academic Calendar

## SUMMER 2005\*

Monday-Friday, March 21 - 24	Advisement in departments
Monday-Friday, March 28 - April 8	Southern's Online Accessible Records (SOAR) Web Registration by registration window
Friday, May 13	Application deadline for new students- <b>Check page 16</b>
Thursday, May 26	Orientation and registration for new graduate students; Residence halls open; Advisement in departments
Friday, May 27	Open registration for all students not registered via SOAR
Monday, May 30	Memorial Day Holiday; <b>Night classes begin</b>
Tuesday, May 31	Day classes begin
Tuesday, June 28	Midpoint in semester; examinations for first-term (8W1) classes
Monday, July 4	Independence Day Holiday (observed)
Friday, July 8	Last day to file application for degree for Fall 2005 Commencement
Friday, July 29	Last day of regularly scheduled classes
Monday-Friday August 1 - 5	Examinations
<u>Saturday, August 6</u>	<u>Residence halls close</u>

## FALL 2005\*

Monday - Friday, March 21 - 24	Advisement in departments
Monday - Friday, April 11 - 29	Southern's Online Accessible Records (SOAR) Web Registration by registration window
Friday, August 5	Application deadline for new students- <b>Check page 16</b>
Saturday, August 20	Residence halls open
Wednesday, August 24	Open registration for all students not registered via SOAR
Thursday, August 25	Classes begin
Monday, September 5	Labor Day Holiday <b>day and night classes will not meet</b>
Friday, October 14	Midpoint in semester; examinations for first-term (8W1) classes
Monday- Tuesday October 17-18	Fall Break <b>day and night classes will not meet</b>
Friday, November 4	Last day to file application for degree for Spring 2006 Commencement
Wednesday, November 23 6:00 p.m.	Thanksgiving Holidays begin. <b>Night classes will not meet</b>
Monday, November 28	Classes resume
Friday, December 9	Last day of regularly scheduled classes
Monday-Friday December 12-16	Examinations
Friday, December 16	Commencement, Bernard Reed Green Coliseum

\*Graduate Student Special Deadlines - p.



# Introduction

The University of Southern Mississippi and its board of trustees were established by an act of the Legislature approved on March 30, 1910, by Gov. Edmund F. Noel. Its first name was the Mississippi Normal College, and its original purpose was to train teachers for the rural schools of Mississippi. On February 2, 1932, the Legislature established the Board of Trustees of State Institutions of Higher Learning and placed under its jurisdiction the five colleges and one university owned and operated by the state. On November 3, 1942, the people of the state voted to make the Board of Trustees of State Institutions of Higher Learning a constitutional board for all colleges and universities of the state. The University of Southern Mississippi is now operated under the jurisdiction of that constitutional board.

The act of March 30, 1910, did not provide any state money for the building of Mississippi Normal College, but did provide that localities in the state might bid for its location by offering land for a site and money for constructing buildings. On September 16, 1910, the Board of Trustees accepted the bid of Hattiesburg and Forrest County to supply \$250,000 and a free site. That site was west of the city in cut-over timberland with great pine stumps everywhere. Contracts were let to clear the land and to build buildings.

The five permanent buildings (College Hall, Forrest County Hall, Hattiesburg Hall, the Industrial Cottage [now the Honor House], and the President's Home [now the Alumni House]), a temporary wooden Dining Hall, and other necessary improvements were barely finished when the Mississippi Normal College opened on the rainy morning of September 18, 1912, with a president, a faculty of 18, and a student body of 200.

On October 17, 1911, Joseph Anderson Cook, superintendent of schools in Columbus, Mississippi, was elected president. The University of Southern Mississippi has had only nine presidents since its founding. The Board of Trustees elected Claude Bennett president, effective October 10, 1928. On April 23, 1933, the Board of Trustees elected Dr. Jennings Burton George as the third president, effective July 1, 1933. On June 13, 1945, the Board of Trustees elected Dr. Robert Cecil Cook as the fourth president and he officially assumed office on July 1, 1945. On October 21, 1954, President Cook submitted his resignation. He served until December 31, 1954, and Dr. Richard Aubrey McLemore became acting president on January 1, 1955. The Board of Trustees, on May 19, 1955, elected Dr. William David McCain as the fifth president. He officially assumed office on August 1, 1955, and retired June 30, 1975. Dr. Aubrey Keith Lucas became the sixth president of the university on July 1, 1975, and served until his retirement on December 31, 1996, with the

# **The University of Southern Mississippi**

## **Vision**

The University of Southern Mississippi will be a leading university in engaging and empowering individuals to transform lives and communities.

## **Mission**

The University of Southern Mississippi is a comprehensive research extensive university. Our primary mission is to cultivate intellectual development and creativity through the generation, dissemination, application, and preservation of knowledge.

Our mission is supported by the values that have been formed through the history and traditions of our institution. These values are widely and deeply held beliefs of our faculty, staff, students, and administrators:

- Education provides opportunities to improve the quality of intellectual, social, economic, and personal well-being. These opportunities should be available to all who are willing and able to meet our standards of excellence.
- Our success is reflected by the degree to which our students become well-read, articulate, and creative and critical thinkers. It is measured by their display of specialized knowledge and abilities suitable to the pursuit of a career and life in our complex, ever-changing world.
- We cherish innovation in the creation and application of basic and applied research findings, creative and artistic expression, meaningful learning experiences, the scope of services provided to our students and the broader community that we sustain, and the continuing evolution of degree programs that both respond to and anticipate the evolving demands of our society, employers, and the labor market.
- Education encourages and advances the ideals of a pluralistic democratic society: civic responsibility, integrity, diversity, and ethical behavior.
- Academic freedom and shared governance are long-established and living principles at the university.



**Leading in Academic Excellence**

The University of Southern Mississippi is committed to quality in all academic areas. The university

# General Information

## E-Mail Accounts

iTech offers electronic mail (e-mail) services. If you are eligible (see below), you are entitled to one Ocean account, which is kept active for the entire time you are enrolled or working at Southern Miss. In the event that you leave Southern Miss due to graduation or employment elsewhere, there is a grace period before your account is removed.

The University of Southern Mississippi expects all students to have an active Southern Miss e-mail account. We can forward your Southern Miss mail to any e-mail account you may have already. Your email account will be used by Southern Miss and classroom instructors to communicate important information. You should get in the habit of checking your e-mail account daily.

In addition to providing e-mail, these accounts also allow you to create your own Web pages.

In order to use your e-mail account, you must bring a valid student ID to the iTech office and get a password, or you may call the Help Desk weekdays between 8 a.m. and 5 p.m. at 266-HELP(4357). You may also obtain your e-mail account information at iTech computer labs on campus. Information on computer labs can be found at: <http://www.usm.edu/itech/helpdesk/labs>

## Eligibility & Cost

All current Southern Miss students, faculty, and staff are eligible to receive e-mail accounts at no charge.

## Publications

The University of Southern Mississippi has four publications each year: the *Undergraduate Bulletin*, the *Graduate Bulletin*, the *Independent Study Bulletin*, and the *Regional Conference Bulletin*.

pharmacology, ocean sciences, biomedical sciences, nuclear chemistry, and mathematics. Appointment and program length range from one month to four years. Many of these programs are especially designed to increase the numbers of underrepresented minority students pursuing degrees in science- and engineering-related disciplines. A comprehensive listing of these programs and other opportunities, their disciplines, and details on locations and benefits can be found in the *ORISE Catalog of Education and Training Programs*, which is available at <http://www.orau.gov/orise/educ.htm>, or by calling either of the contacts below.

ORAU's Office of Partnership Development seeks opportunities for partnerships and alliances among ORAU's members, private industry, and major federal facilities. Activities include faculty development programs, such as the Ralph E. Powe Junior Faculty Enhancement Awards, the Visiting Industrial Scholars Program, consortium research funding initiatives, faculty research and support programs, as well as services to chief research officers.

For more information about ORAU and its programs, contact

Dr. Cecil D. Burge Vice President for Research and Economic Development ORAU Councilor for Southern Miss	Monnie E. Champion ORAU Corporate Secretary (865)576-3306
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Visit the ORAU home page at <http://www.orau.org>.

### **Retention of Students and Program Completion Information**

The *University of Southern Mississippi Fact Book* includes information on retention and graduation and is located in the reserve material at the circulation desk in Joseph Anderson Cook Library and is available upon request.

### **Sexual Harassment**

To foster an environment of respect for the dignity and worth of all members of the university community, Southern Miss is committed to maintaining working and learning environments free of sexual harassment. It is the policy of the university that no member of its community shall sexually harass another. Any employee or student who violates this policy is subject to disciplinary action which may include termination. Sexual harassment is illegal under federal law.

### **Rehabilitation Act of 1973 and the Americans with Disabilities Act**

The University of Southern Mississippi complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act. No otherwise qualified handicapped person, solely on the basis of handicap, will be excluded from participation in, be denied the benefits of, or be subjected to discrimination in the administration of any educational program or activity, including admission or access thereto or in treatment or employment therein by The University of Southern Mississippi. All reasonable accommodations for students must be approved through the Office for Disability Accommodations (ODA); accommodations for faculty and staff must be approved through the university 504/ADA compliance officer. Students who need assistance in reasonably accommodating a disability in the classroom or on campus should contact the ODA coordinator at (601) 266-5024, TTY

**The University of Southern Mississippi Alumni Association**



## Accrediting Agencies

The University of Southern Mississippi is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelor's, master's, specialist's, and doctoral degrees. Specific academic programs as noted in this *Bulletin* have been accredited by the following accreditation agencies:

SACS - COMMISSION ON COLLEGES OF THE SOUTHERN ASSOCIATION OF COLLEGES AND SCHOOLS  
1866 Southern Lane



Graduate



## Degree Programs Offered\*

The University of Southern Mississippi offers graduate-level programs in nearly every recognized academic discipline. Even those departments that do not offer master's or doctoral degrees can offer a graduate minor. In addition, some graduate degrees are offered at the Gulf Coast campus. For specific information about the graduate programs at Gulf Coast, please see the Gulf Coast section in the *Bulletin*.

Master's degrees provide broad-based advanced knowledge, training, and an understanding of

Graduate Studies  
Degrees Offered



**Specialist in Library and Information Science (SLIS)**

**Master of Art Education (MAEd)**

**Master of Arts (MA)**

- |                                     |                             |
|-------------------------------------|-----------------------------|
| Administration of Justice           | History                     |
| Anthropology                        | Philosophy                  |
| Communication: Mass Communication   | Political Science           |
| Communication: Speech Communication | Psychology                  |
| English                             | Speech and Hearing Sciences |

**Master of Arts in Teaching (MAT)**

**Master of Arts in the Teaching of Languages (MATL)**

**Master of Business Administration (MBA)**

**Master of Education (MEd)**

- |                                   |  |
|-----------------------------------|--|
| Adult Education                   | Educational Curriculum and Instruction |
| Counseling and Personnel Services | Special Education                      |
| Educational Administration        |  |

**Master of Fine Arts (MFA)**

- |         |                              |
|---------|------------------------------|
| Theatre | Studio Art: Drawing/Painting |
|---------|------------------------------|

**Master of Library and Information Science (MLIS)**

**Master of Music (MM)**

**Master of Music Education (MME)**

**Master of Professional Accountancy (MPA)**

**Master of Public Health (MPH)**

**Master of Science (MS)**

- |  |                                    |
|--|------------------------------------|
| Administration of Justice              | Instructional Technology           |
| Biological Sciences                    | Marine Science                     |
| Chemistry                              | Marriage and Family Therapy        |
| Coastal Sciences                       | Mathematics                        |
| Communication: Mass Communication      | Medical Technology                 |
| Communication: Speech Communication    | Nutrition and Food Systems         |
| Computer Science                       | Physics                            |
| Counseling Psychology                  | Political Science                  |
| Early Intervention                     | Polymer Science                    |
| Economic Development                   | Psychology                         |
| Educational Curriculum and Instruction | Public Relations                   |
| Engineering Technology                 | Recreation                         |
| Family and Consumer Studies            | Science Education                  |
| Geography                              | Special Education                  |
| Geology                                | Speech and Hearing Sciences        |
| History                                | Sport Administration               |
| Human Performance                      | Technology Education               |
| Hydrographic Science                   | Workforce Training and Development |

**Master of Science in Nursing (MSN)**

**Master of Social Work (MSW)**

# Admission Requirements and Procedures

Since students must always be admitted to a specific program, all applications are closely reviewed and must be approved by faculty and the chair of the department in which the student intends to study and by the college dean. U.S. citizens should obtain admission forms and should submit them to Graduate Admissions. Students may apply online by going to [www.usm.edu/graduatestudies](http://www.usm.edu/graduatestudies). International applicants should obtain admission forms from the Office of International Student and Scholar Services. (See the International Student Applications section of the *Bulletin* for specific details).

Most programs require that applicants submit Graduate Record Examination (GRE) general section scores (verbal, quantitative, and analytical writing). However, programs in the College of Business require that applicants take the Graduate Management Admission Test (GMAT). Some programs in the College of Education and Psychology accept the Miller Analogies Test (MAT); and in the College of Health, some programs accept a variety of graduate admission examinations, including the MCAT. Prospective students should plan to take the appropriate examination early in their senior year of college, and they should request that a copy of their scores be sent to Graduate Admissions. The university's testing center offers all of the tests. For additional information, call 266-6123.

Admission decisions result from evaluation of quantitative and qualitative information submitted by the applicant or submitted at the applicant's request. In addition to test scores, applicants must provide a completed application form and official transcripts from all institutions attended. The applicant must provide letters of recommendation from persons qualified to assess the applicant's readiness for graduate study. Some programs require submission of a writing sample and/or a personal essay; others require that the applicant participate in an interview or audition. All application materials are reviewed and contribute to admission decisions. A decision to accept an applicant into a graduate degree program is based upon the quality of his or her previous academic experience, as well as the applicant's purpose of study, the appropriateness of the applicant's purpose when weighed against the strengths of a program, and the recommendations of the faculty in the proposed field of study. In some programs, prior professional and employment activities are also considered.

The academic record, character, and conditions of the applicant must be in accordance with the rules and regulations of the Mississippi Board of Trustees of State Institutions of Higher Learning and with the laws of the state of Mississippi. The applicant must have excellent moral character in conformity with the generally accepted standards customarily in effect at the university.

The university reserves the right to cancel the admission or registration of an individual whose attendance at the university, in the opinion of the appropriate administrative officer and the president, would not be beneficial to the student and/or to the institution.

## Admission Review

Any student who is denied admission, whose admission is suspended, who questions the type of admission granted, or whose admission status is changed after matriculation, may have his or her case reviewed by the Graduate Committee for Admissions and Credits. Any request for review must be made within one year of the date of the denial or suspension. Students should contact the Director of Graduate Studies for specific procedures.

**It should be clearly understood that the admission requirements listed below represent the minimal standards set by the Graduate Council and that additional requirements and higher standards may well be stipulated by the various departments. Applicants should check for such requirements in the departmental section of the *Bulletin*.**

## Deadlines for Graduate Admission Application

*The following departments have set different application deadlines that must be met. If there is no application deadline indicated, the department does not accept new students that semester.*

**All materials, including test scores and transcripts, must be received by Graduate Admissions by the deadline.**

Admission  
Master's

- E. Applicants must have standardized test scores (GRE, GMAT, or MAT or other approved graduate admission test) sent to Graduate Admissions. Consult specific departmental requirements for additional information.
- F. The appropriate department chair and the college dean must be satisfied that the applicant shows promise of satisfying master's degree requirements.
- G. International students should submit TOEFL scores.

## II. Conditional Admission

A student who fails to qualify for regular admission may be admitted on a conditional basis; provided, however, such a student possesses a grade point average of at least 2.50 (calculated on a 4.0 scale). Conditional admission can be given only upon the recommendation of the department chair and the college dean.

A masters student admitted conditionally must maintain a grade point average of at least 3.0 on the first nine (9) hours of coursework at or above the 500 level. If, prior to satisfying the requirements to have the conditional status removed, the student attempts more than 9 hours of coursework at or above the 500 level, he or she must achieve a 3.0 overall grade point average on all course work. Lower-level coursework taken to remedy perceived deficiencies may not be counted toward the nine-hour requirement. All courses taken to remove conditional status must be taken on a campus of the The University of Southern Mississippi.

Additional requirements may be imposed by the department chair. The student should meet with the chair to be clear about such requirements.

All requirements must be met or the student will not be allowed to continue to seek a master's degree. Upon the recommendation of the department chair and with the approval of the dean, the student will be reclassified as a regularly admitted student. A student not maintaining the required grade point average or otherwise failing to satisfy any additional requirements, will be discontinued.

## Types of Admission to Specialist's Programs

Specialist degrees provide more advanced knowledge, problem-solving skills, and training needed to contribute to a discipline with greater emphasis on skill development and integration of applied research.

Advanced graduate programs leading to the specialist's degree are available to qualified students. An applicant may be granted regular or conditional admission to these programs.

### I. Regular Admission

Minimum standards for regular admission are as follows:

- A. The applicant must hold a master's degree from an institution approved by a recognized accrediting agency.
- B. The applicant must be eligible to re-enter in good standing the last college or university attended.
- C. The applicant must present evidence, by official transcript, of a grade point average of no lower than 3.25 (calculated on a 4.0 scale) on previous graduate work. Applicants must also submit official transcripts from all other institutions they attended.
- D. The applicant must have at least three letters of recommendation from persons qualified to assess the applicant's readiness for specialist work. If applying to more than one department, students must ask referees to send letters to each department.
- E. Applicants must have results from the general test of the Graduate Record Examination (GRE) unless the department requires the Miller Analogies Test (MAT). Consult specific departments for additional information.
- F. Applicants must submit other materials specified by departments, e.g., writing samples, statement of purpose, and/or resumes. See specific departmental requirements for this information.
- G. The appropriate department chair and college dean must be satisfied that the applicant shows promise of satisfying specialist's degree requirements.
- H. International students should submit TOEFL scores.

A specialist student admitted conditionally must maintain a grade point average of at least 3.25 on



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- 3) The applicant must submit official transcripts from the institution awarding the baccalaureate degree.
- 4) The applicant must be able to re-enter in good standing the last college or university attended.
- 5) The appropriate department chair (or program director in the case of interdisciplinary certificate program) and college dean must be satisfied that the applicant shows promise of satisfying the certificate program requirements.

### **Programs Requirements**

To complete the certificate program, students must

- 1) complete credit hour and course requirements with a 3.0 GPA
- 2) complete program requirements within four years

### **Credit Hour Limitations**

No more than nine (9) semester hours of work from the certificate program may be used toward a subsequent master's degree.

### **Limitations on University Faculty Members**

Members of the faculty of The University of Southern Mississippi above the rank of instructor cannot become candidates for a doctoral degree at the institution. They may, however, enroll for graduate courses as a non-degree student. Faculty members of the rank of instructor may become candidates for doctoral degrees at The University of Southern Mississippi on the same terms as any other advanced graduate student candidate.

### **Permission for Undergraduate Seniors to Register for Graduate Credit**

Exceptionally well-qualified undergraduate students at The University of Southern Mississippi may apply to the Office of Graduate Studies for permission to take course work for graduate credit if they are within nine semester hours of meeting bachelor's degree requirements as certified by the university registrar. If the dean approves, the student may then register for graduate courses up to a maximum of six semester hours of graduate credit with a total course load not exceeding 12 semester hours. The student must complete requirements for the baccalaureate degree within the first semester/term in which he or she registers for graduate courses. The student's application for admission will not be given final approval until after he or she satisfies all requirements for the baccalaureate degree.

An undergraduate student from another institution desiring to take graduate courses as listed above should file a graduate application, have a transcript sent to graduate admissions and receive permission from the department chair and dean to take a graduate class.

Undergraduate students taking graduate courses must receive permission from the chair of their department. They must complete a non-degree form for each graduate course they take. They must complete a graduate application and submit these materials to graduate admissions.

### **Graduate Students Taking Undergraduate Courses**

Graduate students enrolled in undergraduate courses must complete a form available in the Office of Graduate Studies and receive permission from their department chair. Graduate students taking undergraduate courses should be aware that such courses are considered "out of career" and *might not* count toward eligibility for financial assistance or the calculation of full-time status. Although graduate students taking undergraduate courses will receive a grade for the coursework, they will not receive quality points; the absence of quality points may negatively impact the ability of the student to count the course(s) for credit when seeking licensure or certification. It is the responsibility of the student to determine how the course will affect his/her status and future plans. Students should contact the Office of Graduate Studies if they have questions.

### **Procedures for Applying for Admission (U.S. citizens)**

- A. Students must submit a new application for each program and degree sought: master's, specialist's, and doctoral.
- B. All credentials (application, an official transcript from each institution attended, and standardized test scores) must be submitted to Graduate Admissions by the deadline published in the University Calendar, or the departmental deadline. Letters of recommendation should be sent directly to the department. If applying to more than one department, students should have letters sent to all departments.



- C. All applicants must pay a \$25 application fee. Send checks or money orders to Graduate Admissions.
- D. After all credentials are received, graduate admissions office will compute the applicant's grade point average for the last 60 hours of baccalaureate classwork and will forward the application and transcript to the appropriate department chair. As soon as the application has been processed by the department chair and the college dean, the Office of Graduate Studies will notify the applicant of the university's decision on the request for admission. **The letter from the Office of Graduate Studies is the official letter of admission.**
- E. An applicant's admission status is good for a maximum of one year. However, some departments require a new application if the student does not enroll the semester he/she is admitted. Once a student's admission window closes, all paperwork (transcripts, etc.) is shredded, and a student must again apply for admission.
- F. Students whose native language is not English and have recently come to the United States are required to take the TOEFL exam to demonstrate English proficiency.
- G. If born after 1956, a Certificate of Compliance is required. International students may have additional requirements (contact International Student and Scholar Services).

## International Admissions

### International Student and Scholar Services

International Student and Scholar Services (ISSS) coordinates all facets of international admissions and student services. ISSS provides counseling on immigration regulations, personal matters, culture shock and adjustment, as well as some academic counseling in conjunction with the various departments. ISSS processes all international applications, evaluates foreign academic credentials, and issues the appropriate immigration documents for non-immigrant foreign students. Multi-cultural programming for international students and the community is also coordinated by the office.

ISSS disseminates Southern Miss information to foreign schools, U.S. embassies/consulates abroad, and non-profit international organizations (such as the Institute for International Education). This office also provides information to and immigration documents for research scholars invited by Southern Miss to participate in research opportunities. For further information, contact

The University of Southern Mississippi  
 Barbara Whitt Jackson, Administrator  
 International Student and Scholar Services  
 118 College Drive #5151  
 Hattiesburg, MS 39406-0001  
 U.S.A.  
 Tel. (601) 266-4841 FAX (601) 266-5839  
 Internet: <http://www.usm.edu/cice/iss>  
 e-mail: [iss@usm.edu](mailto:iss@usm.edu)

**English Language Proficiency:** Applicants whose native language is not English must present the results of the Test of English as a Foreign Language (TOEFL). Exceptions may be made if the applicant has earned a degree at an accredited U.S. college or university. TOEFL requirements vary from program to program. See admission requirements for international students under the department listings for specific TOEFL requirements.

**English Instruction:** Applicants without English language proficiency can consider enrolling in the university's English Language Institute prior to academic enrollment. For more information, write The University of Southern Mississippi, English Language Institute, 118 College Drive #5065, Hattiesburg, MS 39406-0001, USA or email [eli@usm.edu](mailto:eli@usm.edu).

**Admission Materials:** Applicants must submit all application materials required by the departments to the ISSS Office. Graduate test scores (GRE or GMAT, depending on department) are also required. Official transcripts with degrees posted must be submitted for each school attended. These documents should be submitted in their native language with a certified English translation.

**Financial Resources:** In order to meet requirements for entry into the United States for study, applicants are required by federal law to demonstrate sufficient financial resources. Students must be prepared to provide proof that he/she has sufficient funds to cover the first year of study. In addition, students must demonstrate financial solvency for future years of study to establish that he/she will not become a public charge. Applicants must provide documented evidence of their

financial resources for university study since the university has no special fund for financial assistance to international students.

**Admission Procedure:**

1. Write to The University of Southern Mississippi, International Student and Scholar Services, 118 College Drive #5151, Hattiesburg, MS 39406-0001 USA for information and application forms to the university's graduate programs.
2. Complete the forms properly and return them with a \$25 processing fee to the address above. The application and supporting documents must be received no later than two months prior to the registration date desired.
3. Have all official transcripts and diplomas from all former institutions attended sent to International Student and Scholar Services. Please note: photocopies are NOT acceptable. Transcripts should be in native language with certified English translations.
4. Have all appropriate test scores sent to International Student and Scholar Services.
5. Have at least three letters of recommendation from persons qualified to assess the applicant's readiness for graduate study sent to International Student and Scholar Services.
6. After all application materials are received, the applicant's file will be sent to the appropriate department and college dean. The Office of Graduate Studies will notify the applicants of the admission decision. The letter from the Office of Graduate Studies is the official letter of admission.
7. Application materials submitted to the university will not be returned.

A Certificate of Eligibility for exchange Visitor Status (Form DS2019 for a J-1 visa) or a Certificate of Eligibility for Student Status (Form I-20 for an F-1 visa) is issued only to those applicants who have been officially admitted to the university.

**English Language Institute**

Ann Morris, Manager  
 118 College Drive #5065  
 Hattiesburg, MS 39406-0001  
 U.S.A.  
 (601) 266-4337  
 Fax (601) 266-5723  
 e-mail: eli@usm.edu  
 Web site: www.usm.edu/cice/eli

The English Language Institute (ELI) delivers intensive academic English U.S. resessessess test ç.ljx.ljx-0.034 0.t.46-0.ntensive academic English





**D. Leave of Absence**

Under special circumstances such as illness, family hardship, or military service, a student may request a leave of absence. Leaves of absence will be granted for one semester or longer as circumstances warrant. Requests for a leave of absence should be submitted in writing to the department chair or director. The chair or director will then forward his or her recommendation to the Office of Graduate Studies. The dean will notify the student and chair or director of the decision. Normally, requests should be submitted at least one semester before the leave of absence.

**VIII. The Master's Thesis**

- A. The master of arts degrees, entail the writing of a thesis (698. Thesis, 6 hrs.). For the degrees of master of science and master of education, some programs offer a non-thesis option. Students intending to pursue a degree higher than the master's are encouraged to write a thesis.
- B. Thesis committee comprised of three graduate faculty members is recommended by the department chair and appointed by the director of Graduate Studies. The Committee Appointment form should be sent to the Office of Graduate Studies. The thesis prospectus approval form should be sent to the graduate degree auditor when the student's thesis prospectus is approved.
- C. As appropriate, the Human Subjects Protection Review Committee and/or the Institutional Animal Care and Use Committee must approve the thesis methodology before the thesis is begun. The signed approval forms and approval letter must be included in an appendix. (See The Use of Human Subjects section of Research Policies in *Bulletin*.)
- D. Guidelines for the preparation of theses is available on the Web at [www.usm.edu/graduatestudies](http://www.usm.edu/graduatestudies).
- E. Oral Defense of Thesis. After the thesis has been accepted and after all required course work has been completed, a final oral examination on the thesis will be conducted by the student's thesis committee and any other faculty members designated by the dean. The examination will be open to any member of the graduate faculty. The thesis committee chair should submit the results of the oral defense of the thesis form to the Office of Graduate Studies immediately following the defense. A copy of the thesis title page should also be submitted.
- F. Students are responsible for meeting the thesis deadlines that are listed on the thesis-dissertation deadline schedule in the *Bulletin*. If a student fails to deposit the thesis in the Office of Graduate Studies in accordance with the published schedule, the degree will be awarded in the next semester.

**IX. Foreign Language**

Some master's degree programs include a foreign language requirement. Students should refer to the section of the *Bulletin* describing individual departments and schools to determine whether specific requirements have been established for a program of interest. A

**X. Comprehensive Exam**

In addition to regular examinations, final comprehensive examinations are required for master's degrees. The major department will determine whether the comprehensive examination will be written or oral or both. The written comprehensive, if required, will be prepared by the student's committee and will cover the area of the major field. If an oral examination is required, the chair of the student's committee will send written notices of the time and place of the examination.

Comprehensive examinations, whether written or oral, will be administered no later than the last academic week of the semester in which the student expects to receive the degree and the In addition to the written or oral, will 378.

**VI. The Specialist's Committee**

The student's work toward the specialist's degree is supervised by a part-time faculty member in the student's field of study. The student's progress is reviewed by the Office of Graduate Studies or by an external reviewer.

**XI. Application for Degree and Audit.**

Students should submit to the graduate degree auditor a signed, completed application for degree by the specified deadline the semester before they wish to graduate. The graduate degree auditor will check the application and notify the student and his/her



**VIII. Qualifying Exam**

At or near the beginning of the student's work beyond the master's level, the department or school may require a preliminary examination to determine the student's qualifications to pursue a doctoral degree and to assist the student's advisory committee in planning the degree program. The details of the qualifying examination, including the time, date, and place of administration, will be determined by the particular department. The results of the qualifying examination form should be submitted to the Office of Graduate Studies.

**IX. Research Tools**

Each doctoral degree program has a research tool requirement that is determined by the department. Consult the department for the specific requirements. Verification of the research tools requirement occurs on the plan of study form.

**X. Comprehensive Exam**

At the completion of specified required course work and other examinations, the doctoral student is required to take a written and/or oral comprehensive examination in his or her major and minor field. A student who does unsatisfactory work on the comprehensive examination may be granted a second examination at the next regularly scheduled time or later. The student's doctoral committee will recommend the conditions to be met before the examination may be repeated. The comprehensive examinations may be retaken only once. The comprehensive examination should be successfully completed either before the first formal prospectus meeting or before substantial research is completed for the dissertation and within six years from initial enrollment. The student's committee chair should submit the comprehensive exam results form to the Office of Graduate Studies.

**XI. Continuous Enrollment**

- A. Students must register for three (3) hours of coursework during the semester in which they take their comprehensive examinations.
- B. After a doctoral student completes his or her comprehensive examination, continuous enrollment in at least one (1) semester hour must be maintained during each fall and spring semester until the student successfully defends the dissertation.
- C. A student may petition the Office of Graduate Studies for an exemption from the continuous enrollment policy, provided that the student has the written endorsement of his or her advisory committee and the chair of the department. Students may petition the office only if they are in absentia from the University and not utilizing resources of the University. Exemptions will be granted if the student is absent from the University in order to conduct fieldwork, including work in archives and libraries, or who are absent to assume pre-doctoral fellowships; exemptions will not be granted to students who discontinue their enrollment to assume or to continue positions in business, industry, or education. Students who fail to enroll continuously must reapply for admission. Once readmitted they will be assessed a fee equal to two (2) semester hours of tuition for each semester they were not continuously enrolled. The rate of tuition shall be

### XIII. The Dissertation

- A. The dissertation topic must be approved by the student's major professor and advisory committee and must be an original and significant contribution to knowledge in the chosen field. As appropriate, the Human Subjects Protection Review Committee and/or the Institutional Animal Care and Use Committee must approve the method before the study is begun. The signed approval forms and the approval letter must be included in an appendix of the dissertation. (See Human Subjects Protection Review Committee section of Research Policies in *Bulletin*.)
- B. The guidelines for the preparation of dissertations is available on the Web at [www.usm.edu/graduatestudies](http://www.usm.edu/graduatestudies).
- C. The student must complete a total of twelve (12) hours of 898 - Dissertation and must register for three (3) dissertation hours the semester he/she defends the dissertation.
- D. The graduate reader ensures that dissertations meet the university requirements. Students should check the graduate studies web page for important deadlines and should make appointments with the graduate reader. They should allow ample time for revisions.
- E. Students are responsible for meeting the dissertation deadlines that are listed on the thesis-dissertation deadline schedule in the *Bulletin*. If a student fails to meet the final deposit deadline, his or her degree will be awarded the next semester. The student must enroll for one (1) hour of 797 that semester. The three copies of the dissertation must be deposited in the Office of Graduate Studies.
- F. **The Dissertation Oral Defense.** After the dissertation has been accepted and at least six weeks before the candidate is scheduled to receive the degree, a final oral examination of the dissertation and related fields will be conducted by the student's doctoral committee and any other faculty members designated by the Office of Graduate Studies. The examination will be open to any member of the graduate faculty. The results of the oral defense form should be submitted to the Office of Graduate Studies immediately following the defense. After the doctoral committee members have been adequately consulted about the results of the student's research as well as the form and condition of the dissertation, the committee chair will schedule the defense with the Office of Graduate Studies and other appropriate offices at least ten (10) working days in advance of the defense. The meeting will be open to any member of the faculty and, at the discretion of the chair, may be opened to the public. The committee chair, with advice from the committee, has complete authority for the conduct of the defense. The chair may recognize those wishing to ask questions about the candidate's research. Questions and resulting discussion should be appropriate. The committee chair may end the open part of the defense by restricting the meeting to the committee after an appropriate time. Discussion of the results of the defense must be limited to the committee members. A majority vote will determine the result of the defense and shall be reported to the Office of Graduate Studies at the close of the meeting by the chair of the doctoral committee.

### XIV. Documents

The doctoral student must have the documents listed below on file with the Office of Graduate Studies. Students are advised to check their files in the graduate studies office for completeness of documentation. Students should check the "milestone" section of their advising transcript (GRDII) to verify these documents have been received by the Office of Graduate Studies.

- A. **Plan Of Study Form.** Students must submit a "plan of study" form to the Office of Graduate Studies by their second semester of enrollment. See [www.usm.edu/graduatestudies](http://www.usm.edu/graduatestudies) for specific directions.
- B. **Qualifying Exam Results Form.** The department chair or director of graduate studies should submit the form to the graduate degree auditor indicating that the student has completed the qualifying exam if it is required.
- C. **Doctoral Committee Appointment Form.** The department chair or director of graduate studies should submit the form to the graduate studies office indicating who will serve on the student's committee. A letter of appointment will be sent to the committee members and adviser.
- D. **Comprehensive Exam Results Form.** The doctoral committee chair should submit the results of the comprehensive exam form to the graduate degree auditor.
- E. **Application for Degree.** The student should present two copies of the Application for Degree Form to the Office of Graduate Studies. The student should also submit one copy of the Application for Degree Form to the department chair or director of graduate studies. The student should also submit one copy of the Application for Degree Form to the graduate degree auditor.

- G. Dissertation Prospectus Approval Form.** The Dissertation Prospectus Approval Form should be sent to the graduate degree auditor when the student's prospectus is approved. Students are reminded to secure approval of the Human Subjects Review Committee or the Institutional Animal Care and Use Committee if necessary.
- H. Dissertation Defense Results Form.** The doctoral committee chair should submit the results of the oral defense of the dissertation form to the graduate reader immediately following the defense. A copy of the dissertation title page should also be submitted. Final copies of the dissertation must be deposited in the Office of Graduate Studies. (See deadlines)

## **Transfer**

**Transfer**

the graduate degree .

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### **Dissertation and Thesis Deadline Schedule**

The office of Graduate Studies maintains a schedule of deadlines for students writing theses and dissertations. The schedule is available at [www.usm.edu/graduatestudies](http://www.usm.edu/graduatestudies) and in the Graduate Studies office. Generally, students should be aware that applications for degree must be submitted one semester or term in advance of the semester or term in which they plan to graduate.

### **Application for Degree and Dissertation and Thesis Deadline Schedule**

# General Academic Information

## Registration

A graduate student is responsible for knowing the policies and regulations and the departmental requirements relevant to his or her individual degree program. Only the general academic regulations and requirements governing all graduate programs are given below. Specific requirements pertaining to individual degree programs are outlined within the department sections.

Students should pre-register each semester at the designated time using SOAR on the web. Specific directions are published in the *Class Schedule Guide*. By registering for classes, students are contracting to pay their tuition and fees. Students who pre-register must pay minimum payment (if applicable) by the due date or there will be an additional pre-registration fee of \$100 added to their accounts. Classes will be dropped at a later date for nonpayment.

Registration will continue after the close of the scheduled registration period (see calendar) for five class days.

A late registration fee will be charged to all students registering after the scheduled registration period. The fee is \$50.

## Add/Drop/Withdrawal

A student is permitted to drop a course without academic penalty up to the date published in the *Class Schedule Guide*. After the deadline, a student may drop a course only in the event of extenuating circumstances and with permission of the instructor, department chair, and dean of the college offering the course, at which time the student will receive a grade of "WP" or "WF."

A student is permitted to add a course after the fifth class day with the permission of the instructor, department chair, and dean of the college offering the course. However, a student will not be allowed to add a course after the last day to drop without academic penalty as published in the *Class Schedule Guide*. Adding classes after the 100 percent refund period could result in additional tuition charges.

A student withdrawing from the university prior to the deadline for dropping classes will not receive any grades. His or her record will show the date of withdrawal only. A student withdrawing after the

The general regulation that degree work must be completed within a six-year period applies to **all** course work. A grade-point average of “B” or better must be maintained to be in good standing. Students whose grade point average falls below a 3.0 will be placed on probation (see Probation section of the *Bulletin*). The use of the pass/fail option at the graduate level for any course must be approved by the Graduate Council. On the recommendation of the student’s committee or major professor, a student may retake one graduate level course in order to improve his/her grade point average.

## Academic Honesty

When cheating is discovered, the faculty member may give the student an “F” on the work involved or in the course. If further disciplinary action is deemed appropriate, the student should be reported to the dean of students.

In addition to being a violation of academic honesty, cheating violates the Code of Student Conduct, as published in the *Student Handbook* and may be grounds for probation, suspension, and/or expulsion.

Students on disciplinary suspension may not enroll in any courses offered by The University of Southern Mississippi.

## Plagiarism\*

Plagiarism is scholarly theft, and it is defined as the unacknowledged use of others’ work. More specifically, any written or oral presentation in which the writer or speaker does not distinguish clearly between original and borrowed material constitutes plagiarism.

Because students, as scholars, must make frequent use of the concepts and facts developed by other scholars, plagiarism is not the mere use of another’s facts and ideas. However, it is plagiarism when students present the work of other scholars as if it were their own work.

Plagiarism is committed in a number of ways:

1. Reproducing another author’s writing as if it were one’s own.
2. Paraphrasing another author’s work without citing the original.
3. Borrowing from another author’s ideas, even though those ideas are reworded, without giving credit.
4. Copying another author’s organization without giving credit.

Plagiarism is a serious offense. An act of plagiarism may lead to a failing grade on the paper and in the course, as well as sanctions that may be imposed by the student judicial system.

*\*Taken from Student Handbook*

## Final Examinations

Examinations will be held as published in the *Class Schedule Guide*. No final examinations are permitted prior to the scheduled examination period (see calendar). A student who is absent from the final examination without valid reason approved by the Office of the Provost forfeits credit for the semester.

## Course Loads

- I. Although the maximum load of a full-time graduate student for the fall and spring semesters is sixteen (16) semester hours with permission of the Office of Graduate Studies, the normal load for a full-time graduate student is generally considered to be twelve (12) semester hours.
- II. The minimum load for a full-time graduate student is nine (9) semester hours for students living in Pine Haven, using the services of the clinic, using the services of veteran’s affairs, or using other similar services of the university (spring and/or fall).
- III. The minimum load for a graduate assistant teaching one undergraduate class or its equivalent is twelve (12) hours. The student should receive a tuition waiver in the fall or spring semester. The maximum load for a graduate assistant is thirteen (13) hours.

- IV. In no case may the total hours involved in a student's program, including both the course work and the assistantship assignment, exceed eighteen (18) hours.
- V. The maximum load for any graduate student in the summer session is twelve (12) hours. In the summer term, the minimum load for a student who receives a tuition waiver is nine (9) hours.
- VI. The courses numbered 697 and 797—Independent Study and Research—may be taken for any amount of credit (up to a maximum of sixteen (16) hours in any one semester). Students who are not in residence but who are actively working on a thesis, research problem, or dissertation, and consulting with the major professor or making use of the library or other University facilities must enroll for at least one (1) hour each semester (see Continuous Enrollment sections).
- VII. Students enrolling only for 698, 798, or 898 or courses entitled "Internship," should enroll for a minimum of three hours, or PSY796 for a minimum of four hours.
- VIII. Students enrolling only for 691, 791, or 891 (or other courses titled "Research in...") should enroll for a minimum of three hours.

## Grading System

- A — indicates excellent work and carries 4.0 quality points per semester hour.
- A- — indicates excellent work and carries 3.7 quality points per semester hour.
- B+ — indicates good work and carries 3.3 quality points per semester hour.
- B — indicates good work and carries 3.0 quality points per semester hour.
- B- — indicates good work and carries 2.7 quality points per semester hour.
- C+ — indicates average work and carries 2.3 quality points per semester hour.
- C — indicates average work and carries 2.0 quality points per semester hour.
- C- — indicates average work and carries 1.7 quality points per semester hour.
- D+ — indicates inferior work and carries 1.3 quality points per semester hour.
- D — indicates inferior work and carries 1.0 quality point per semester hour.
- E — indicates a course in progress. Not included in the grade point average, a grade of E shall be awarded for graduate thesis, recital and dissertation courses and for such self-paced or skill courses as the Graduate Council may designate. An E shall be changed to a P only in the case of credit for thesis and dissertation and then only for the last recorded credit for these courses. Otherwise, the E remains on the record indicating that to receive credit the student must re-register for the course, repeating it on a regular basis until completing it. Upon completion, the appropriate grade, whether P or valiative, shall be assigned.
- F — indicates failure and carries no quality points.
- NA — indicates the student did not attend class and carries no quality points.
- I — indicates that a student was unable to complete course requirements by the end of the term because of extraordinary circumstances beyond his or her control. Poor performance or unexplained absences are not justification for the assignment of an I. If an I has not been removed by the end of the next semester (excluding summer term), it automatically becomes an F. Students are prohibited from enrolling in any course for which the current grade is I.
- AW—indicates administrative withdrawal.
- WP—indicates withdrawal from a course passing after the deadline for dropping courses.
- WF—indicates withdrawal from a course failing after the deadline for dropping courses. (This grade is computed in the GPA as F.)
- P — indicates a passing grade in courses taken on a pass-fail basis (does not count in computing GPA).

## Probation

A student whose cumulative graduate grade point average (GPA) or whose program grade point average falls below 3.0 will be placed on probation. That student must attain a cumulative 3.0 GPA by the end of the following (probationary) semester including summer, if the student is enrolled summer term. A student who fails to achieve a 3.0 at the end of the probationary semester can be reclassified as a discon-

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the semester of cancellation. Notification of cancellation after the deadline obligates students to payment of rent for the following semester if enrolled, or forfeiture of deposit if not enrolled. Applications and brochures may be secured at the Pine Haven Office or by writing the Department of Residence Life.

## Dining Services

Southern Miss Dining Services is committed to providing excellent food in a clean and appealing environment. All students living in a residence hall or a fraternity house are required to purchase a Resident Meal Membership. There are five memberships to choose from:

Unlimited Membership + \$75 Bonus Bucks	\$1000
14* Meal Membership + \$100 Bonus Bucks	\$900
10* Meal Membership + \$150 Bonus Bucks	\$900
7* Meal Membership + \$200 Bonus Bucks	\$900
150 ** Meal Block + \$150 Bonus Bucks	\$900

\*meals per week      \*\*meals per semester

(Note: all resident students will be assigned the 14 Meal Membership upon registration. Your membership may be changed by mailing in the membership brochure or by visiting our office.)

Commons offers a special diet program or Weight Watchers. The line caters to Weight Watchers as well as to those students with medical problems which require special diets.

### Academic Related Exemptions

#### Requirements:

A student must miss a minimum of 50 percent of meals served per week. The meals missed must be due to an internship.

#### Documentation Required:

1. A statement, on letterhead stationery, signed by the student's adviser, giving the student's hours, on a daily basis, Monday through Friday.
2. A copy of the student's advisement and registration appointment form which shows the student's class schedule.

### Work-Related Exemptions

University policy does not allow for meal ticket exemptions for students holding part-time or full-time employment.

## Other Financial Information

### Payment of Fees

One-half of a student's total fees are due and payable at time of registration. Students with university loans, grants, or scholarships may use those funds as payment for the first half of total fees. Loans, grants, scholarships and checks made payable to the university must be applied to fees in full before a refund or change can be given. These loans, grants, and scholarships may not be used to pay prior semester outstanding balances. Fees deferred past the last day to register each term will be billed monthly. A monthly service charge of 1.5 percent will be applied to the unpaid balance. Students who pre-register must pay minimum payment (if applicable) by the due date or there will be an additional pre-registration fee of \$100 added to their accounts. Classes will be dropped at a later date for nonpayment.

The university accepts payment by check, money order, cash, and all major credit cards. The university reserves the right to refuse payment by check where an individual has previously given a check that has been returned.

The university reserves the right to withhold readmission of a student until all delinquent accounts have been paid. In fact, all past due accounts will be included on registration fee invoices and monthly bills. Transcripts of credits will not be issued for students whose accounts are delinquent. All fees must be paid before a degree will be awarded. Payments by personal check on delinquent accounts will be sent for collection before transcripts or degrees will be released. To avoid any delay in receiving these documents, payments can be made by cash, cashier's check, or money order.

Fines accumulated as a result of failure to adhere to the established procedures of the university, such as library and public safety regulations, or any other policy establishing regulations for the protection of university property, shall become collectable by the Business Office, and, if not collected, shall constitute a delinquent account.

### Late Registration

A fee of \$50 will be assessed students who register during the late registration period.

Students whose checks for registration fees are returned will be assessed the late registration fee of \$50 in addition to the \$30 returned check handling fee. Returned checks not promptly paid may result in dismissal from the university.

Courses requiring special fees and music fees are shown in the Special Fee listing and are indicated by a plus sign in the Course Description Section of the *Bulletin*.

## Financial Assistance for Graduate Students

At present, the university has available about 500 university assistantships in all areas as well as fellowships provided by federal and private agencies. Amounts of assistantships vary from department to department. Contact the specific department for information regarding stipend levels available. Assistantships entail one half time of teaching or research assignment. To maintain an assistantship a student must have an average of "B" or better each semester. General tuition and the non-resident fee are waived for graduate assistantship holders. To qualify for this waiver, students on assistantships must be registered for courses totaling twelve (12) hours each semester (nine hours during Summer term). Courses taken as audit do not count toward these hours. The university also currently waives out-of-state fee for students on sabbatical leave with pay from schools and colleges.





**Student Malpractice Liability Insurance Fee**

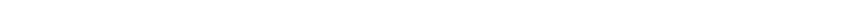
Courses requiring students to deal with human subjects require





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# University Facilities and Student Services

## Automobiles on Campus

Faculty/staff, employees, and students, full time or part time, who operate a vehicle on university-controlled property, will be required to purchase a parking permit from the Department of Parking Management. Parking permits in the form of hang tags, decals, and temporary permits are available from the Department of Parking Management in the Industrial Arts Building. The department offers a brochure detailing parking zones and other traffic regulations. Penalties are assessed for regulation violations. For addition information, contact

The University of Southern Mississippi  
Parking Management  
118 College Drive #10061  
Hattiesburg, MS 39406-0001  
(601) 266-5447  
[www.usm.edu/parking](http://www.usm.edu/parking)

## Career Services

Career Services, located on the first floor of McLemore Hall, offers the student three types of employment assistance while attending the university: part-time employment, cooperative education employment, and career employment upon graduation.

The **Student Employment Division** offers the student an opportunity to obtain part-time employment while enrolled as a regular student at Southern Miss. The service is comprehensive in that it will involve jobs for work-study as well as non-work-study, both on and off campus.

The **Cooperative Education Program** affords the student the opportunity to gain a complete education with periods of work related to the student's major. The Cooperative Education Office assists in finding meaningful jobs that will give the student practical work experience and financial support to aid in his or her education. The basic qualifications for the graduate co-op programs are as follows:

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## Recreational Sports

Through recreation, sports competition, special programs, and wellness activities, Recreational Sports provides a safe environment while enhancing sportsmanship, leadership, and quality of life for a diverse university community. Housed in the Payne Center, Recreational Sports provides an opportunity for the campus to take advantage of a variety of services and programs which include personal fitness instruction, intramural sports, aquatics, fitness classes, sports clubs, and informal recreation activities.

The Payne Center offers indoor recreational facilities which include four basketball/volleyball courts, six badminton courts, four championship racquetball courts, an international size squash court, a six-lane indoor pool (**M.C. Johnson Natatorium**), a one-eighth mile indoor exercise track, sauna, free weight, circuit training, cardiovascular workout room, and is fully accessible to the disabled. The Payne Center also has meeting and banquet facilities where students, faculty, staff, and alumni can attend workshops and events. Activities and programs available include more than 40 intramural sports events from flag football to putt-putt golf, and sport clubs such as table tennis, fencing, badminton, men's soccer, men's rugby, and women's rugby, and a sports officials association. The Fitness Assessment Center provides services which include fitness assessment and exercise prescription for the university community at a nominal fee.

Recreational Sports offers outdoor facilities such as the Rails to T

**University Testing Center**

The Counseling Center is also responsible for the administration of the University Testing Center. The



Department/School	Major	Degree
Philosophy and Religion	Philosophy	Master of Arts
Political Science, International Development and International Affairs	Political Science	Master of Arts Master of Science
	Communication	Master of Arts
Speech Communication	Speech Communication Emphasis	Master of Science
Theatre and Dance	Theatre	Master of Fine Arts
	Directing Emphasis	
	Performance Emphasis	
	Design and Technical Emphasis	
<b>Doctoral Level</b>		
English	English	Doctor of Philosophy
	Creative Writing Emphasis Literature Emphasis	
History	History	Doctor of Philosophy
	European History Since 1789 Emphasis	
	History of the Americas Emphasis	
	United States History Emphasis	
Mass Communication and Journalism	Communication	Doctor of Philosophy
	Mass Communication Emphasis	
Music	Music Education	Doctor of Philosophy Doctor of Music Education Doctor of Musical Arts
	Performance and Pedagogy	
Political Science, International Development and International Affairs	International Development	Doctor of Philosophy
Speech Communication	Communication	Doctor of Philosophy
	Speech Communication Emphasis	











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Arts and Letters  
Studio Art

## Department of English

David Wheeler, Chair  
118 College Drive #5037  
Hattiesburg, MS 39406-0001  
(601) 266-4319

*Abbenyi, Ball, Barron, F. Barthelme, S. Barthelme, Franke, Harris, Hauer, Kolin, Kuskin, Lares, Livingston\*, Mays, Pierce, Richardson, Ryan, Salda, Sciolino, Smith, Villeponteaux, K. Watson, W. Watson, Weinauer, Wheeler, White*

\*Associate Graduate Faculty

The Department of English offers programs leading to the doctor of philosophy and master of arts degrees. Within the framework of these degree programs, students may specialize in English or American literature or in creative writing.

General academic and admission requirements for all graduate degrees are set forth in the front section of this *Bulletin* and general departmental requirements are listed below. Specific requirements for the various specializations (e.g., creative writing, etc.) are described in information sheets available from the Department of English, Box 5037. Students interested in applying for assistantships should contact the Department of English.

**Continuous Enrollment Requirement:** Students must meet the requirement specified in the front section of this *Bulletin*.

### The Master of Arts

Departmental criteria for admission include the GRE, GPA, and letters of recommendation. Successful applicants for regular admission to the M.A. program usually have a GPA of 3.5 or higher in undergraduate English courses. Letters of recommendation should be from persons qualified to assess the applicant's readiness for graduate study and should be sent to the department. Conditional admission is sometimes possible for applicants who do not meet all the criteria for regular admission. Members of all underrepresented groups are strongly encouraged to apply. Requirements for the master of arts degree include the following:\*

1. A minimum of thirty (30) semester hours of graduate credit including at least twelve (12) hours in an emphasis area such as English Literature, American Literature, or Creative Writing. A minimum of 18 of the 30 hours must be taken at the 600-level or above with six in the emphasis area; however, English 714 and 791 may not be used to satisfy this requirement. A 3.0 GPA is required for graduation.
2. ENG 506 (with approval, another linguistics course may be substituted) and ENG 640 are required for candidates in literature.
3. Foreign language proficiency. (See the appropriate section of the *Bulletin*.)
4. Thesis (six hours credit).
5. A comprehensive oral examination on the thesis and the related emphasis area.

\*Candidates desiring AA certification must include, in addition, REF 601 and REF 607.

### The Doctor of Philosophy

The doctor of philosophy degree offered by the Department of English is designed to prepare students for careers as scholars and teachers. This degree is taken after the candidate has earned an appropriate master's degree and has met all university and departmental admission requirements. The department has several criteria for admission, including the GRE, letters of recommendation, and GPA. Letters of recommendation should be from persons qualified to assess the applicant's readiness for graduate study and should be sent to the department. Successful applicants for regular admission to the Ph.D. program must have a GPA of 3.5 or higher in master's coursework. Conditional admission is sometimes possible for applicants who do not meet all the criteria for regular admission. Members of all underrepresented groups are strongly encouraged to apply. Other departmental requirements follow:\*

1. A minimum of fifty-four (54) semester hours beyond the master's degree including courses in bibliography and methods and literary criticism. No more than 6 hours at the 500 level can count toward the degree. A 3.0 GPA is required for graduation.
2. A qualifying examination
3. Research Tool(s). Proficiency in two foreign languages or one foreign language and twelve graduate hours in an approved area other than English. Details are available from the English department.
4. A written comprehensive examination

5. Presentation and oral defense of dissertation
6. Residency. Students must meet the residency requirements specified in this *Bulletin*.

\*Precise details of the doctoral program and admission procedures are available from the Department of English.

## Department of Foreign Languages and Literatures

Denise vonHermann, Interim Chair  
118 College Drive #5038  
Hattiesburg, MS 39406-0001  
(601) 266-4964

*Angell\*, Brooks\*, Broome\*, Burnett, Clark, Diez\*, Dow\*, Fonder-Solano, Fountain\*, Gillespie, Graham\*, Miles, Odom, Powell, Sánchez\*, Sánchez-Alonso, Unnold*

*\*Associate Graduate Faculty*

The Department of Foreign Languages and Literatures offers a program leading to the master of arts in the teaching of languages (MATL) degree. Within the MATL, students usually concentrate on one of three emphasis areas: French, Spanish, or Teaching English to Speakers of Other Languages (TESOL). The focus of the MATL is on developing and enhancing the knowledge and skills in language, language acquisition, and language instruction that are essential for both effective teaching and successful learning. The MATL is offered year-round, with the option of completing the program through summer only registration. For more information on the MATL, please consult <http://www.usm.edu/matl>.

**60 | College of Arts and Letters**

- Three letters of recommendation from professionals in the field qualified to assess the readiness of the applicant for graduate work. The letters should be sent to the department.

See the “Academic Requirements” section of the *Graduate Bulletin* for other general requirements. Conditional admission may be considered for applicants who do not meet all the criteria but show promise for success in graduate studies. The requirements for a change to regular admission will be stated at the time of acceptance into the program.

**General Program Academic Requirements**

All students are expected to complete the following requirements:

- A total of thirty-three (33) hours of graduate level courses, including eighteen (18) hours in courses numbered 600 or above. At least six (6) credit hours of emphasis course work must be completed on site in Hattiesburg, or at Southern Miss-directed sessions in Mexico or Spain. A 3.0 GPA is required for graduation.
- FL 561, FL 663, FL 664, and FL 665
- A practicum tailored to the teaching experience of each student (FL 694)
- For students in the TESOL emphasis, a minimum of 9 hours of courses with a TSL prefix, including the required TSL 612
- For students in the Spanish or French emphasis areas, a minimum of 15 hours of graduate-level courses in the specific language
- A language proficiency requirement, as determined by departmental policy, within the specific emphasis area. In addition, students in the TESOL emphasis whose first language is English must also meet a foreign language requirement by completing nine (9) hours of undergraduate conversational foreign language study (i.e., through Southern Miss 201 level) or equivalent with an average of “B” or better.
- Comprehensive examination which consists of a successful defense of a portfolio

All students are required to prepare an individualized Program Plan with an adviser.

**Continuous Enrollment Requirement:** Students must meet the requirement specified in the front section of this *Bulletin*.

## Department of History

Charles C. Bolton, Chair  
118 College Drive #5047  
Hattiesburg, MS 39406-0001  
(601) 266-4333

*Austin, Barnett, Bond, Bristol, Chambers, Drummond, Guice\*, Jensen, Jestice, Kyriakoudes, Mackaman, McCarty\*, Nelson, Nuwer, O’Brien, Polushin, Scarborough, Sloan, Smith, Wiest, Zelner*

\*Associate Graduate Faculty

The Department of History participates in programs leading to the degrees of master of arts, master of science, and doctor of philosophy.

**General Regulations**

The student is held responsible for following all graduate regulations. The student’s major professor will help in any way possible, but the student is expected to know what is required and to take full responsibility. General academic and admission requirements for all graduate degrees are set forth in another section of this *Bulletin*, and general departmental requirements are listed below.

**Master’s Programs****Admission Requirements**

For admission to the master’s program, the department requires a 3.0 minimum grade point average on the last two years of undergraduate study, GRE general test scores, transcripts, three letters of recommendation, a statement of career objectives (250 to 500 words), and an example of written work (up to 20 pages). Letters of recommendation should be from persons qualified to assess the applicant’s readiness for graduate study and should be sent to the department. Normally, applicants



will have taken a variety of upper-division history courses.

Students with perceived academic deficiencies may be admitted conditionally. To remove the conditional status, students must meet Graduate School requirements, which are described in the Admission Requirements section of the *Bulletin*, and they must satisfy all additional requirements stipulated by the chair and director of Graduate Studies.

In addition to the Graduate School criteria, students must also meet the requirements of the Department of History.

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### Emphasis Areas

The Department of History offers the following areas of emphasis for the master of arts and master of science degrees:

- I. United States History
- II. European History
- III. Latin American History
- IV. Asian or African History

On the comprehensive examination, all master's students must demonstrate proficiency in one primary area of emphasis and one secondary area. Two members of the examining committee will represent the primary area, and one member will represent the secondary area. United States History, European History, and Latin American History may be selected as either primary or secondary areas. Asian History or African history may be selected only as a secondary area. The nature and scope of the material to be included from each area will be determined by the graduate committee.

The M.A. student should successfully complete fifteen (15) hours of course work in the primary area and six (6) hours in the secondary area in addition to History 710 and the 6 hours of thesis work.

The M.A. thesis must be written in the primary emphasis area. A student may write a thesis in Asian History if permission to do so is granted by the department.

The M.S. student should take eighteen (18) hours of course work in the primary area and nine (9) hours in the secondary area in addition to History 710.

Students planning to pursue a doctoral degree must write a thesis and should enroll in the M.A.

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## Doctoral Program

### Admission Requirements

For admission to the doctoral program, the department requires a minimum grade point average of 3.5 on all graduate work, GRE general test scores, transcripts, three letters of recommendation, a statement of career objectives (500 to 1,000 words), and an example of written work (up to 20 pages). Letters of recommendation should be from people qualified to assess the applicant's readiness for graduate study and should be sent to the department or school. Norm [ 1 MAs 0.8m6 Tw .223 m 0.8m6 Tw .223 mfat tmat eadi ABte

**Research Tool(s)**

Each prospective candidate for the doctoral degree must demonstrate proficiency in at least one foreign language. Candidates in History of the Americas must demonstrate proficiency in Spanish or Portuguese. They may also demonstrate proficiency in an appropriate second language, or in consultation with the director of Graduate Studies and their major professor, they may develop a research tool, consisting of training in an appropriate discipline or research skill. Candidates in United States history must demonstrate proficiency in at least one foreign language, and they must demonstrate proficiency in a second language or develop a research tool. Candidates in European History must demonstrate a reading knowledge in two appropriate foreign languages.

**Residency**

Students must meet the residency requirements specified in this *Bulletin*.

**Doctoral Committee**

The student's program will be directed by a five-member graduate committee, consisting of three persons from the major field and two from the minor fields. This committee will approve the dissertation prospectus and conduct the comprehensive examination, which will be administered

A course in which a student has earned a grade of D will not apply toward a graduate degree. A student who earns more than six hours of D or three hours of F may not be considered a candidate for degree. Students must maintain a 3.0 GPA for good standing.

**Deadlines for admission are as follows:**

All admission materials for doctoral students seeking to enroll in spring, summer, and fall terms must be received by November 1, March 1, and July 1, respectively. Students seeking assistantships for the fall semester are strongly encouraged to apply prior to the March 1 deadline.

Admission deadlines for master's students are the same as those published by the Graduate School.

**Admission requirements are the same as those of the university, with the following additions:**

**Applicants for the Master's Program**

**Regular Admission**

**Undergraduate Record**—A cumulative GPA on the last 60 hours from all institutions of our applicants has ranged from 3.0 to 4.0. A 3.0 GPA is required; a 3.0 major GPA is also required.

**Graduate Record Examination**—Scores from the GRE must be submitted.

**Test of English as a Foreign Language**—Applicants whose native language is not English must attain a TOEFL score of 550.

**Letters of Recommendation**—Three current letters of recommendation are required and should address the applicant's readiness for graduate study. Ordinarily such letters should be requested by applicants from faculty in their major field of study who are well-known to the applicant. Letters should address the applicant's readiness for graduate study. Ordinarily such letters should be requested by



**Master of Science**

**Major: Public Relations**

All students pursuing a major in public relations must complete the following requirements:

	<b>Hours</b>
Substantive Core	
MC 607, MC 620, MC 621, MC 625.....	12
Research Methods	
MC 720.....	3
MC 722, or MCJ 525, or MCJ 526, or Statistics.....	3
Thesis, major project, or internship*.....	3-6
Speech Communication/Mass Communication Electives**.....	6-9

\*Students seeking the master of science degree with a major in public relations may choose between  
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### **Diagnostic Examinations and Auditions: Master's Degrees**

Before the first term of full-time enrollment, all graduate students must take diagnostic examinations in music theory and in music history and literature. Students who do not pass the theory diagnostic exam must enroll in MUS 620, Music Theory Survey. Students who do not pass the history diagnostic exam must enroll in MUS 630, Music History Survey. Many entering students find that they do need to take these courses. MUS 620 and 630 must be taken in the first semester of graduate work. Exceptions to this requirement may be granted for the spring semester only and will be considered on a case-by-case basis. Part-time students must complete both courses before earning nine semester hours. A student with deficiencies may be required to take additional course work beyond the minimum required in the degree program.

Diagnostic examinations are administered on campus each Friday preceding the first day of classes in fall, spring, and summer in Fine Arts building, Room 212.

9 a.m. - Theory

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**Comprehensive Examinations: Master's Degrees**

Comprehensive examinations are required for all master's degrees.

The test will be prepared by the student's graduate advisory committee; it will cover the area of the major field. As a general rule, the comprehensive examination will be written.

The School of Music master's comprehensive examinations are offered each semester at the same time:

- Fall: the first full week in November
- Spring: the first full week in April
- Summer: the first Saturday following July 4

Exact dates and times are determined by the graduate adviser and are publicized as soon as possible. Students must register for the exam two months (minimum) prior to taking the exam by Fallwin. 601)266-6458e.

**Voice Performance:** An audition cassette will satisfy preliminary expectations, but before completing nine (9) hours of graduate work, the student must also sing for a faculty committee and fulfill the requirements below.

Voice performance majors must demonstrate, by audition (1) advanced vocal technique; (2) good diction in Italian, French, German, and English; and (3) good vocal quality and musicianship. The repertoire must be memorized and include (1) an aria from opera or oratorio; (2) a 17th- or 18th-century Italian song or aria; (3) a German Lied; (4) a French Melodie; and (5) a song in English.

Further, the student's transcript(s) must show grades of C or better in two years of foreign language (any combination of two of the following: German, French, and Italian) and at least one course in diction for singers. Students lacking these will be required to pass these courses in addition to the requirements for the degree. In lieu of coursework, satisfactory performance on language exams, administered by the Southern Miss Department of Foreign Languages and Literatures, is acceptable.

Specific areas in which this degree may be earned are:

Bassoon	Oboe	Tuba
Clarinet	Percussion	Viola
Euphonium	Piano Accompanying	Violin
Flute	Saxophone	Violoncello
Guitar	String Bass	Voice
Harpsichord	Trombone	
Horn	Trumpet	

\*Before scheduling a recital, the student must ascertain that all members of the advisory committee can attend. At least 14 days before the recital, the student should issue a written invitation to each member of his or her committee.

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## Master of Music Degree-Conducting (35 Hours)

### Candidacy Audition

Demonstrate advanced conducting competency by directing an audition rehearsal with a university performing ensemble. Play a full band or orchestral score at the keyboard. (Request audition repertory list by writing to the band, choir, or orchestra office.)

Three year's experience as a conductor and considerable experience as a member of a performing ensemble are expected. Students are encouraged to submit a videotape of their conducting.

In some cases, students with minimal deficiencies will be admitted into the program on a conditional basis and will be required to complete undergraduate courses (not for graduate credit) before proceeding as a degree candidate. At least 18 hours of coursework must be at the 600 level or higher. A 3.0 GPA is required for graduation.

MUS 548 or Choral Literature I (3)	
or	
MED 538 Band Literature I (3).....	3
MUS 549 Choral Literature II	
or	
MUS 550 Symphonic Literature.....	3
MED 731 Graduate Conducting I.....	3
MED 732 Graduate Conducting II.....	3
Conducting Elective (individual study with conductor of major ensemble).....	3
MUS 721 Analytical Techniques I	
or	
MUS 722 Analytical Techniques II.....	3
MUS 723 20th Century Compositional Techniques.....	3
MUS 731 Performance Practices I.....	3
MUS 732 Performance Practices II.....	3
Music History and Literature ...../r TDn3c....Hey...n(MUF0...lllllllll..... g eÄ-0.113 -/.....3)Tj 0.01 -8 TD (Music History an..... Oract‡.3)T...-8 .....	
MUS 732 Performance Practicxn0>ormÛ<sk1 An .....Ä -/.....3	
from: (3)....3	
from: (3)....3	



Art

Music History Elective (MUS 630 History Survey (3) may be required).....	3
Ensemble.....	2
Electives, 11 of which must be in Music Education.....	13

## Doctoral Degrees

Each student has final responsibility to ascertain that he or she has complied with all applicable catalogue requirements for graduation. Faculty and advisors assist students in developing their programs, but they cannot waive or vary degree requirements as these appear in the University *Bulletin*. Students must read the “Doctoral Degree Requirements” section of this *Bulletin*; that which follows pertains to School of Music practices and policies and it amplifies *Bulletin* statements.

Three doctoral degrees are available in the School of Music: the doctor of music education, the doctor of philosophy in music education, and the doctor of musical arts. A 3.0 GPA is required for graduation.

Students pursuing the doctor of musical arts degree do so with an emphasis in performance and pedagogy. Specific areas in which the DMA may be earned are:

Bassoon	Horn	Tuba
Clarinet	Oboe	Viola
Composition	Percussion	Violin
Conducting	Piano	Violoncello
Euphonium	Saxophone	Voice
Flute	String Bass	
Guitar	Trombone	
Harpsichord	Trumpet	

### Admission Requirements: Doctoral Degrees

In addition to acceptable grades (see general admission requirements) and GRE scores, successful applicants to the doctoral program must have an appropriate baccalaureate or master’s degree with a major in music, an acceptable candidacy audition (for DMA degrees), strong letters of recommendation, and successful personal interviews. Letters of recommendation should be from persons qualified to assess the applicant’s readiness for graduate study and should be sent to the School of Music. Members of all underrepresented groups are strongly encouraged to apply. Acceptance to the School of Music requires students to meet expectations beyond these requirements; see “Degree Candidacy.”

Students who are unable to meet regular admissions standards may be considered for conditional admission. (For details concerning conditional admission, see “Admission Requirements and Procedures” in this *Bulletin*.) Please note: The Graduate Record Examination is required for both conditional and regular admission.

**Important Note:** Acceptance into the doctoral degree programs of the School of Music requires that students meet expectations beyond those stipulated in the *Bulletin*; see “Acceptance into the School of Music,” in this *Bulletin*.

### Ensemble Participation: Doctoral Degrees

All full-time doctoral students majoring in music or music education are required to participate in a major ensemble during their first four terms of residence. A maximum of two (2) hours of graduate credit earned from ensemble work may be counted toward a degree. The ensemble in which one participates will be determined by the student’s major applied area and area of interest. The following are considered to be appropriate major ensembles to fulfill this requirement: Orchestra, Band, Southern Chorale, Jazz Lab Band, Hattiesburg Choral Union, University Singers, and Opera/Music Theatre. Exceptions may be granted to doctoral students in residence during summer semesters.

For doctoral students whose major instrument is piano, the following would constitute ensemble participation: performing as a pianist with the Orchestra, Band, Southern Chorale, Jazz Lab Band, Hattiesburg Choral Union, University Singers, Opera/Music Theatre, Chamber Music, Collegium Musicum, or other appropriate major ensemble. Studio accompanying may fulfill the ensemble requirement if approved by the piano faculty. (These students should register for their own studio teacher’s section of MUS 792, Special Problems.)

**Doctoral Exception:** On rare occasions a doctoral student may be excused from ensemble participation for one semester of residence if there is a *bona fide* academic reason for such. This ensemble participation waiver must be requested in writing and approved by the student’s advisory committee.

**Acceptance into the School of Music: Doctoral Degrees**

Acceptance: Admission to graduate study does not imply acceptance into the School of Music for doctoral-level study. A maximum of nine (9) hours of graduate work earned before one has gained admission to the School of Music can be applied towards a degree. To gain acceptance, one must:

- a) Performance and Pedagogy: possess a master's degree; Music Education: possess a master's degree in music with state licensure and at least three years of successful teaching experience (K-12);
- b) take diagnostic entrance examinations the Friday before school begins;
- c) pass a candidacy audition (DMA in performance and pedagogy, applied areas only) prior to or during the first term of full-time residence or before completing nine (9) hours of course work;
- d) pass a candidacy audition (DMA in performance and pedagogy, conducting area only) prior to the first term of enrollment;
- e) submit and gain approval for a portfolio of one's representative scores or recordings prior to the first term of enrollment (DMA in performance and pedagogy, composition area only);
- f) pass all entrance examinations, DMA special examinations (see specific areas in which the DMA may be earned);
- g) consult with the academic adviser, have a major professor and an advisory committee appointed, and begin planning the total degree program early in the first term of attendance or before nine (9) semester hours have been earned;
- h) complete at least nine (9) hours of graduate course work relevant to one's degree plan with a cumulative grade-point average of 3.5;
- i) by the end of the **second** semester, all doctoral students must complete a Degree Planning Sheet, approved by the advisory committee. (Doctoral students should be counseled by their advisory committee before registering for courses); pass qualifying exams.

**Diagnostic Entrance Examinations: Doctoral Degrees**

All entering doctoral students are required to take a Diagnostic Entrance Examination consisting of three parts: music theory, music history, and expository writing. The purposes of this examination are (1) to determine if the student has foundation-level deficiencies that need to be addressed in order for him/her to be successful in doctoral-level courses, on the qualifying examinations and on the comprehensive examinations; and (2) to provide information that will guide the student and his/her adviser in selecting useful and appropriate academic courses.

second



**Qualifying Examinations: Doctoral Degrees**

All doctoral students are required to complete a qualifying examination consisting of three written components (music theory, music history, and the student's major area) and an interview with the student's advisory committee. This examination must be completed at the end of the second semester of full-time doctoral study. Part-time students must complete this examination at the end of the third semester of enrollment. The purpose of the qualifying examination is to determine if, after a year of doctoral coursework (which may include review courses) and of independent study, the student is academically qualified to proceed with doctoral study. In order to be successful on the written portions of this examination, the student must be able to think critically and be able to synthesize material from a variety of sources. Sample examinations may be available to students in some areas. The interview will occur after the written parts of the examination are completed and may include questions about the written portions of the examination, about material not covered on the written portions, and about the student's background and future plans. The qualifying examination is not complete until the interview has taken place. Doctoral students should consult their major professor and the coordinator of graduate studies regarding examination policies beyond those listed in the *Bulletin*.

The emphasis area portion of the qualifying examination (e.g., music education, conducting, music performance, etc.) will be graded by those members of the student's committee representing the emphasis area. The music theory and history portions will be graded by theory and history faculty, respectively.

A scale of one to five will be used in grading qualifying examinations, with grades of one-two











Students determined to have deficiencies in their undergraduate program will be required to remedy the deficiencies.

Members of all underrepresented groups are strongly encouraged to apply.

### Requirements for Conditional Admission to the Master's Program

In exceptional cases, students may be admitted conditionally. To remove conditional admission status, master's students must earn a 3.0 on the first nine (9) semester hours of coursework numbered 500 or above or on all coursework taken while completing this nine (9)-hour requirement.

### Curriculum Requirements

In addition to the general admission and academic requirements for all graduate programs as set forth in this *Bulletin*, candidates for the Master of Arts degree with a major in Philosophy may choose either the research thesis option or the applied thesis option:

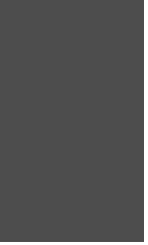
#### A. Research Thesis Option

1. A total of thirty (30) semester hours of credit, with at least eighteen (18) hours of that work in courses numbered 600 and above. A 3.0 GPA is required for graduation.
2. A research thesis, for which the student receives six (6) hours credit toward the thirty (30) total required hours
3. A comprehensive examination, normally taken after the completion of all formal coursework but before the thesis is officially begun. The comprehensive examination is intended to test the student's general competence in philosophy.
4. An oral examination on the completed thesis. During the oral examination, the student will be expected to be able to explain and defend the ideas presented in the thesis.
5. A reading knowledge of one foreign language
6. Optional minor: With the approval of the director of graduate studies, a student may have a minor (including religion), consisting of nine (9) semester hours in a (single) field which is related to the student's philosophical interests. Three (3) semester hours of that minor may then be counted toward the thirty (30) total required hours.

#### B. Applied Thesis Option

1. A total of thirty-three (33) semester hours of credit with at least eighteen (18) hours in courses numbered 600 and above. A 3.0 GPA is required for graduation.
2. An applied thesis which demonstrates the application of philosophical thought to a specific issue, problem or debate. The student will receive six (6) hours of credit for this applied thesis.
3. After satisfactory completion of the coursework, the student must take a comprehensive examination.
4. An oral exam must be taken on the completed applied thesis.
5. A reading knowledge of one foreign language
6. Optional minor: With the approval of the director of graduate studies, a student may have a minor (including religion), consisting of nine (9) semester hours in a (single) field which is related to the student's philosophical interests. Three (3) semester hours of that minor may then be counted toward the thirty (33) total required hours.

**Continuous Enrollment Requirement:** Students must meet the requirement specified in the front section of this *Bulletin*.





PS 511 Research in Political Science (3 hrs)

PS 698 Thesis (3 hrs)

24 hours in political science, chosen in consultation with the director of graduate studies in three of the following areas:







Arts



# College of Business

## Graduate Degrees

2005-2006

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# College of Business

Harold Doty, Dean  
Farhang Niroomand, Associate Dean  
118 College Drive #5021  
Hattiesburg, MS 39406-0001



Business  
Mission



A Master of Business Administration (M.B.A.) is also offered on the Gulf Coast. Requests for application forms and other information may be addressed as indicated above. Telephone inquiries can also be made by calling (601) 867-2620 at Gulf Park.

The M.B.A. program is available to students who have no previous coursework in business administration, as well as anyone whose background includes an undergraduate degree in a business discipline. Consequently, required M.B.A. coursework ranges from a minimum of 30 semester hours to a maximum of 48 semester hours. Specific degree requirements will be determined upon admission. Pre-program proficiency requirements include the ability to make use of word processing, spreadsheet, and database management software packages, as well as mathematical competence through managerial statistics and applied calculus.

The M.B.A. program is broad in nature and aimed at developing managerial competence from a general perspective. Specifically, the M.B.A. curriculum

- strengthens critical thinking skills that involve the ability to structure and analyze problems creatively and to process data to yield useful information
- fosters thinking that is global in scope and integrative of the economic, technical, political-legal, and social-cultural dimensions
- provides pragmatic managerial decision-making skills through instruction in the fundamentals of the functional areas of business (accounting, financial analysis, etc.)
- develops skills in dealing with behavioral issues including the ability to function effectively as a decision maker, motivator, and leader
- increases awareness of and appreciation for ethical values, human dignity, cultural diversity, social responsibilities, and the need for continuous self-development
- develops the ability to think strategically and to function effectively in an environment of rapid change
- enhances written and oral communication skills



Foundation course requirements are as follows:

<u>Courses</u>	<u>Hours</u>	<u>Courses</u>	<u>Hours</u>
MBA 500 .....	.3	MBA 530 .....	.3
MBA 511 .....	.3	MBA 550 .....	.3
MBA 520 .....	.3	MBA 570 .....	.3
(total foundation coursework: 18 hours)			

**NOTE:** The foregoing foundation course requirements will normally be waived for students who have undergraduate degrees in business.

Advanced course requirements are as follows:

<u>Courses</u>	<u>Hours</u>	<u>Courses</u>	<u>Hours</u>
MBA 600 .....	.3	MBA 645 .....	.3
MBA 605 .....	.3	MBA 650 .....	.3
MBA 610 .....	.3	MBA 660 .....	.3
MBA 640 .....	.3	ELECTIVES .....	.9
(total advanced coursework: 30 hours)			

In some cases, pre-program courses should be taken prior to enrolling in M.B.A. classes.

**Admission Standards**

Admission to The University of Southern Mississippi’s M.B.A. and M.P.A. programs is selective. Regular admission is contingent on having graduated from a college or university accredited by a recognized regional accrediting agency. In addition, the Graduate Admissions committee of the College of Business recommends admittance only for those applicants whose academic background, work experience, demonstrated leadership, and communication skills meet the challenging demands of graduate programs in management and accounting.

In evaluating applications, the admission committee utilizes the following criteria:

**Undergraduate record**—The cumulative grade point average (GPA) from all institutions, the area(s) of concentration, the balance of verbal/communication and quantitative/analytical courses, and the trend of grades are considered.

**Graduate Management Admission Test (GMAT)**—The GMAT is sponsored and directed by the Graduate Management Admission Council, consisting of representatives from graduate schools of management. A candidate should strive to achieve a good balance of verbal- and quantitative-area scores.

**Test of English as a Foreign Language (TOEFL)**—Students whose native language is not English must achieve a TOEFL score of 550 or more.

**Work Experience**—While work experience is not required for admission, two or more years of relevant managerial responsibility strengthen the likelihood of admission to the program. Applicants are encouraged to submit resumes showing job responsibilities and accomplishments.

**Letters of Recommendation**—The admission committee reviews letters of recommendation



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ACC 620 - Advanced Cost/Managerial Accounting  
ACC 630 - Tax Seminar I  
ACC 631 - Tax Seminar II  
ACC 660 - Controllership

MBA 640 - Problems in Corporate Finance  
MBA 645 - Communication Skills for Managers  
MBA 6XX - Any 600-level MBA course  
MBA 6XX - Any 600-level MBA course

A minimum of ten (10) courses must be taken at the graduate level with at least seven (7) courses numbered over 600 and at least three (3) MBA courses.

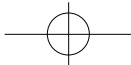
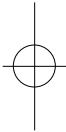
**Admission to the Program**

Admission requirements for the M.P.A. program are the same as those listed for the M.B.A. program. Admission forms and GMAT applications are available in the Graduate Business Programs Office, JGH Room 307. Members of all underrepresented groups are strongly encouraged to apply.

**Graduation and Retention Standards**

Graduation and retention standards for the M.P.A. program are the same as those listed above for the M.B.A. program.

**Continuous Enrollment Requirement:** Students must meet the requirement specified in the front section of this *Bulletin*.



















Reading Education  
Secondary Education

**Specialization Areas (Secondary)**

Art	Foreign Language	Physics
Biology	Mathematics	Science
Chemistry	Music Education	Social Studies
English	Physical Education	Speech Communication

Education: Special Education

**Emphasis Area**

Early Intervention  
Behavior Disorders  
Gifted Education  
Learning Disabilities  
Mental Retardation  
—Mild/Moderate  
—Severe/Profound

Graduate degrees in the content areas of curriculum, instruction, and special education are contingent on satisfaction of lower-level program requirements. Students seeking a master’s degree in the content area of curriculum and instruction or in special education must have or be eligible for a Mississippi Class-A standard license, or its equivalent, in the area of study; applicants not meeting Class-A licensure standards in the proposed area of study will be required to take prescribed prerequisite coursework. Students entering the curriculum and instruction or the special education master’s program who desire AA-level Mississippi licensure must meet all A-level requirements prior to seeking advanced licensure. Individuals who are matriculating at Southern Miss should become aware of the licensure requirements of those states where they wish to be licensed and should work with the graduate coordinator to see that those requirements are met.

**Teaching Experience Requirement**

The department strongly recommends that a student gain at least one year of teaching experience before entering the master’s degree program. Students must have two (2) years of teaching experience prior to completion of the master’s degree.

**Master’s Programs for Curriculum and Instruction Content Area**

The Department of Curriculum, Instruction, and Special Education offers a Master of Education degree with a major in curriculum and instruction and emphasis areas in early childhood education, elementary education, reading education, and secondary education. The Master of Science degree is offered with a major in curriculum and instruction with emphasis areas in early childhood education, elementary education, reading education, and secondary education. The program of study at the master’s degree level is designed to increase the professional competency of the classroom teacher and to provide the coursework necessary to meet standards of teaching licensure at this advanced level. The master’s degree programs require admission to a particular program, appointment with the graduate coordinator, completion and submission of four copies of the application form for a master’s degree at least one semester in advance of the date of graduation, successful completion of the comprehensive examination, and completion of all coursework requirements.

**Admission Requirements**

Admission to master’s programs offered in the content area of curriculum and instruction is selective. To be considered for regular admission to a master’s degree program, an applicant must have

- (a) an academic record reflecting a superior undergraduate grade point average. Recently, students regularly admitted to master’s programs in curriculum and instruction have obtained average GPAs of 3.40 (4.0 scale) for the last two years of undergraduate study;
- (b) results from a national standardized achievement/aptitude test predictive of the ability to complete a graduate program successfully. These include the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT);
- (c) three letters of recommendation sent to the department from professionals in the field of education who are qualified to assess the applicant’s readiness for graduate study;
- (d) a letter of intent (describe reasons for pursuing a master’s degree) and used as an evaluative sample of writing ability;
- (e) a professional resumé; and
- (f) a copy of educator license.

**Admission**

The department reviews qualified applicants for graduate work throughout the academic year. Applications adhering to these dates will receive notification on the specified date as mentioned.

<u>Semester</u>	<u>Application Deadline</u>	<u>Notification Date</u>
Fall	First Monday in April	First Monday in May
Spring	First Monday in September	First Monday in October
Summer	First Monday in March	First Monday in April

Members of underrepresented groups are strongly encouraged to apply.

Admission to master’s programs is contingent on the approval of the Departmental Graduate Committee, department chair, and the dean of the college. An applicant who fails to meet the above criteria for regular admission may be considered for conditional admission on an individual basis. Students accepted on a conditional basis MUST obtain grades of B or better on the first nine (9) hours of specified coursework 500-level or higher or all coursework taken while completing this nine hour requirement. It is the responsibility of the student to inform the department chair or the graduate coordinator when conditional status is to be removed.

Applicants seeking a graduate degree in the content area of curriculum and instruction who do not have a bachelor’s degree in education must first fulfill all requirements for a bachelor’s degree in education. Applicants holding a bachelor’s degree in education who are seeking a master’s degree in an education area other than the area in which the education bachelor’s degree was received must, in addition to the thirty (33 for thesis programs) hours required for a master’s degree, complete an additional 12 hours of curriculum or methods coursework at the graduate or undergraduate level. This coursework shall be prescribed by the department chair or graduate coordinator. In the event that the applicant has not previously completed student teaching requirements, 14 hours of student teaching must be completed.

All graduate programs require a 3.0 GPA or better for graduation.

Substitutions for required courses must be approved in advance and in writing by the graduate coordinator or the department chair. Transfer credit (see general master’s degree requirements) must have prior approval by the graduate coordinator or department chair. In addition to the above requirements, the individual must pass comprehensive examinations. Each student is allowed only two attempts to pass comprehensive examinations. Each student should register with the department’s graduate secretary for comprehensive examinations one to three months prior to the examination. It is the responsibility of the student to keep abreast of requirements.



Education & Psychology  
Curr., Instruct., & Spec. Ed.

endorsement area. No more than three (3) hours of science and mathematics education (SME) courses may be used. To be used in an endorsement area, the SME course must be in that area.





one full-time semester/term of residence taking all nine (9) semester hours on either the Hattiesburg campus or the Gulf Park campus; successful completion of the specialist's examination; or



The specialist's program in secondary education consists of a minimum of thirty-three (33) semester hours beyond the master's degree. Substitutions for required courses must be approved in advance and in writing by the graduate coordinator or the department chair. Transfer credit must have prior approval by the graduate coordinator or department chair. In addition to the above requirements, the individual must plan, conduct, and report the results of a research-based field problem. The comprehensive examination requirement for this degree will be met by presenting the results of the study to a committee of no less than three (3) faculty members in the department. A chair will be assigned to direct the research by the graduate coordinator and the department chair.

\*The student selecting mathematics as a specialization area may not use any mathematics course designated as a mathematics refresher course, and courses with MAT prefix must be approved by the mathematics department and the Department of Curriculum, Instruction, and Special Education.

\*\*The student selecting science as a specialization area may use, with the approval of his or her adviser, a combination of biological and physical science courses; however, a minimum of nine (9) semester hours of graduate credit must be taken in each area of science endorsement for which the individual holds a Class-AA endorsement. The student must meet the requirements for a Class AAA endorsement in at least one science area. No more than three (3) hours of science and mathematics education (SME) courses may be used. To be used in an endorsement area, the SME course must be in that area.

\*\*\*The student selecting social studies as a specialization area may take courses in any one or a combination of the following disciplines: history, geography, political science, sociology, and economics.

### **Specialist in Education with Emphasis in Special Education**

## Admission Requirements

Admission to doctoral programs offered in the content areas of curriculum and instruction is selective. To be considered for regular admission to a doctoral degree program, an applicant must have

- (a) an academic record reflecting a superior undergraduate and graduate grade point average. Recently, students regularly admitted to master's programs in Curriculum and Instruction have obtained average GPAs of 3.65 or better (4.0 scale) for the last two years of undergraduate study and GPAs of 3.5 on previous graduate work;
- (b) results from the Graduate Record Examination (GRE), a national standardized achievement/aptitude test predictive of the ability to complete a graduate program successfully;
- (c) three letters of recommendation sent to the department from professionals in the field of education who are qualified to assess the applicant's readiness for graduate study;
- (d) a letter of intent (describe reasons for pursuing a doctoral degree); also serving as a writing sample;
- (e) a professional resumé;
- (f) a copy of educator license.

## Admission Deadlines

The department reviews qualified applicants for graduate work throughout the academic year. Applications adhering to these dates will receive notification on the specified date as mentioned.

Semester	Application Deadline	Notification Date
Fall	First Monday in April	First Monday in May
Spring	First Monday in September	First Monday in October
Summer	First Monday in March	First Monday in April

Individuals who have submitted applications which qualified for admission, but which were not received for enrollment in a given semester, are encouraged to request that their application remain active for future consideration.

Members of underrepresented groups are strongly encouraged to apply.

Admission to doctoral programs offered in the content area of curriculum and instruction is contingent on the approval of the Departmental Graduate Committee, the department chair, and the dean of the college. An applicant who fails to meet the above criteria for regular admission may be considered for conditional admission on an individual basis.

Students accepted on a conditional basis **MUST** obtain a 3.50 GPA or better on their first nine (9) hours of specified coursework 600 level or higher or all coursework taken while completing this 9-hour requirement. It is the responsibility of the student to inform the department chair or graduate coordinator when conditional status is to be removed.

All students must register for and complete the doctoral qualifying examination prior to the completion of their first twelve (12) hours of doctoral coursework. Based on the outcome of the

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**Teaching Experience Requirement**



semester, and applicants will be notified of acceptance for the following semester.

<u>Semester</u>	<u>Application Deadline</u>	<u>Notification Date</u>
Fall	First Monday in April	First Monday in May
Spring	First Monday in September	First Monday in October
Summer	First Monday in March	First Monday in April

Late applications, or applications submitted after the deadline, may result in a delay in notification.

Individuals who have submitted applications which qualified for admission, but who were not selected for enrollment in a given semester, are encouraged to request that their application remain active for future consideration.

Members of underrepresented groups are strongly encouraged to apply.

Admission to doctoral programs offered in the content area of curriculum, instruction, and special education is contingent on the approval of the Departmental Graduate Committee, the department chair, and the dean of the college. An applicant who fails to meet the above criteria for regular admission may be considered for conditional admission on an individual basis. Students accepted on a conditional basis MUST obtain a 3.50 GPA or better on their first nine (9) hours of specified coursework 600 level or higher or all coursework taken while completing this 9-hour requirement. It is the responsibility of the student to inform the department chair or graduate coordinator when conditional status is to be removed.

All students must register for and complete the doctoral qualifying examination. Based on the outcome of the qualifiers, students may have additional coursework assigned to their plan of study. Students must have a 3.0 GPA to graduate.

**Research Tool(s)**

For the Doctor of Education degree, proficiency in one language is required. In all cases that language requirement shall be satisfied by successful completion of REF 761 and REF 762. The six



## Department of Educational Leadership and Research

Ronald Styron, Chair  
118 College Drive #5027  
Hattiesburg, MS 39406-5027  
(601) 266-4579

*Anderson, Kazelskis, Lee, Lucas, Maulding, McNeese, Peters, Pierce, Rachal, Roberson, Shelley, Smith, M., Styron, Ward*

The Department of Educational Leadership and Research comprises courses and degree programs in educational administration and supervision, higher education, research and foundations, and adult education. The programs in educational administration and supervision encompass the full range of administrative positions and lead to the master's degree, the specialist's degree, and the doctorate in education with an emphasis in educational administration. Programs at the master's degree level provide entry-level preparation in school principalship. Programs at the specialist's level provide entry level preparation in the school principalship and/or preparation for the superintendency, central administrative staff positions, and leadership roles in other institutional settings. In addition, the program at the doctoral level provides preparation for college teachers in educational administration.

The research and foundations components of the Department of Educational Leadership and Research provide supportive services in teacher education. At the graduate level, these services are provided in the areas of educational foundations, educational media and technology, and educational research. Also offered are the specialist's degree and the doctoral minor emphasizing educational research.

The adult education component of the Department of Educational Leadership and Research offers programs of study which lead to four degrees in adult education: Master of Education (M.Ed.), Specialist in Education (Ed.S.), Doctor of Education (Ed.D.), and Doctor of Philosophy (Ph.D.) Through the completion of courses and degrees in those programs, students may enhance their understanding of adults as learners as well as the many means by which educational services are developed and delivered to adults. Academic preparation in adult education is dependent not only upon knowledge of adult education theory and practice but also upon knowledge from related areas of study, such as psychology, sociology, administration, and management. Consequently, the courses and degree programs often follow an interdisciplinary approach in preparing persons for roles of professional service to adults. Adult education majors are encouraged to enroll in professionally relevant courses in cognate fields. Students from other departments frequently find adult education courses to be valuable as electives or academic minors.

The Counseling and Personnel Services component of the Department of Educational Leadership and Research consists of a Master of Education Degree in Counseling and Personnel Services. The Master of Education in Counseling and Personnel Services includes two Emphases, College Student Personnel Services and School Counseling for Licensed or Certified Teachers. The College Student Personnel Services Emphasis is designed to prepare graduates for college student personnel career opportunities in colleges, community colleges and universities. The School Counseling Emphasis for Licensed or Certified Teachers is designed to prepare graduates for K-12 school counselor employment opportunities.

The following course patterns for the different levels set forth only the minimum core requirements, and the electives selected to suit individual needs and objectives must be chosen with the advice and approval of the student's major professor. Therefore, it is mandatory that the student consult early in his or her program, and frequently thereafter, with his or her major professor concerning the selection of courses and sequence in which these courses will be taken.

### Department Policies

The following departmental policies are supplementary to the rules and regulations of the university and the Graduate School as set forth elsewhere in this *Bulletin*.



## Programs and Courses in Educational Administration

### Master's Degree

#### Master of Education Degree in Educational Administration

The Master of Education program is a cohort structure beginning each summer.

Contact the chair of the Department of Educational Leadership and Research for further details.

#### Admission

Admission to The University of Southern Mississippi's graduate programs in educational leadership and research is selective. Regular admission is contingent on having graduated from a college or university accredited by a recognized regional accrediting agency. In addition, the Graduate Admissions Committees of the department recommend admittance only for those applicants whose academic background, work experience, demonstrated leadership, and communication skills meet the challenging demands of graduate programs in educational leadership and research. In evaluating applications, the admission committees utilize separate criteria in each degree program offered. Admission to the Master of Education program in educational administration is further limited by the minimum and maximum number of students who can be accommodated in each cohort.

Applications for admission to the master's program will be considered on an annual basis. Students will be admitted at the beginning of each summer session. Courses are taken in sequence, and no additional people will be admitted to a particular cohort after the beginning of the first term of the required curriculum. Individuals who drop out of a cohort to which they have been admitted will be considered for admission at the beginning of the next new cohort cycle.

Prospective students are encouraged to apply as early as possible and are requested to apply prior to March 1.

#### Required Criteria

certification in a standard teaching field  
documentation of a minimum of three years  
of successful teaching experience  
letter of recommendation from immediate supervisor  
plus two additional letters from persons qualified  
to assess the applicant's readiness for graduate study  
GPA on last 60 hours of undergraduate work; GPA in major  
GRE  
writing examination  
resume  
interview  
reference checks

#### Supplementary Criteria\*

other standardized test scores  
portfolio or other evidence of  
successful leadership experiences

Members of underrepresented groups are strongly encouraged to apply.

\*Supplementary criteria may be submitted at the student's discretion or may be requested by the admissions committee.

#### Application for Graduation

Graduation is based upon

1. completion of an approved program of studies and required internship;
2. satisfactory completion of a comprehensive examination and portfolio; and
3. a minimum 3.0 cumulative GPA.









**Required Criteria**

GRE scores  
 GPA on previous graduate work  
 three letters of recommendation from people qualified to assess the applicant's readiness for graduate study

**Supplementary Criteria\***

other standardized test scores  
 interview  
 vita/resumé  
 writing sample  
 GPA on last two years of undergraduate work  
 professional experience

Members of underrepresented groups are strongly encouraged to apply.

\*Supplementary materials may be submitted at the student's discretion or may be requested by the admissions committee.

**Application for Graduation**

Graduation is based upon

1. completion of required coursework;
2. satisfactory completion of written and/or comprehensive examination;
3. satisfactory completion of thesis or research problem;
4. a minimum 3.0 cumulative GPA; and
5. completion of residency requirement

**Continuous Enrollment Requirement:** Students must meet the requirements specified in the front section of this *Bulletin* for continuous enrollment.

**Curriculum Requirements**

A student desiring to obtain a specialist's degree in educational research must possess a master's degree and complete a minimum of thirty-three (33) semester hours of course work. Twenty-seven (27) hours are required for the student who writes a thesis (REF 798) and thirty (30) hours for the student who conducts a field problem (REF 794). The student must have also completed, or be willing to complete, the following prerequisites or their equivalents: \*REF 601 and \*602.

The following five courses (fifteen (15) semester hours) are required of each student:

	<b>Hours</b>
REF 761, 762, 824, 830, 893.....	15
A student who chooses to write a thesis will complete one course (three (3) semester hours) from among the following. A student who conducts a field problem will complete two courses (six (6) semester hours).	
REF 632, 770, 792.....	3 or 6
PSY 764.....	3 or 6
CSS 501, PSY 614.....	3 or 6

Each student must complete either REF 794 (Field Problems—3 semester hours) or REF 798 (Specialist Thesis—6 semester hours).

Students will take nine (9) semester hours of electives to complete the program.

\*may be counted as electives in the specialist's degree program









**Residency**

Doctoral students may pursue either the Doctor of Education or the Doctor of Philosophy. Both degrees require a minimum of 72 semester hours of coursework (including dissertation and statistics proficiency) beyond the master’s degree. Doctoral students must complete a residency requirement of either (a) two consecutive terms of 12 hours each, (b) three consecutive terms of 9 hours each, (c) four consecutive terms of 6 hours each, or (d) two non-consecutive terms of 12 hours each with 3 hours of classroom-based courses for each intervening term. Physical residence on campus or in Hattiesburg is recommended but not required during residency. A 3.5 GPA is required for graduation.

**Continuous Enrollment Requirement:** Students must meet the requirements specified in the front section of this *Bulletin* for continuous enrollment.

**Departmental Program of Studies (minimum 72 credit hours)**

Doctoral students in adult education will complete a number of required courses and electives, but the program is designed to allow intensive pursuit of other areas in which adult educators may have interest or professional goals. Accordingly, there are several possible tracks students may pursue in addition to the requirements common for all students. The minimum required program includes

	<b>Hours</b>
ADE 540, 576, 601, 607 (ADE Core).....	12
ADE electives (15 hours of which must be classroom courses).....	18
ADE 898 (dissertation).....	12
REF 601, REF 602, and REF 889.....	9
REF 604, 816, or 818 or an additional elective in adult education.....	3
REF 761 and 762.....	6
Additional coursework:	
Doctor of Education Electives.....	12
or	
Doctor of Philosophy research methodology.....	3
Doctor of Philosophy electives.....	9
	<b>72</b>

Within this program, students may pursue related areas in which to specialize. Students are not required to be in a track; they are not prescriptive. They are, however, suggestive of possible plans for individual doctoral programs.

**Administrative and Managerial:** for those interested in public sector and private sector administration. In addition to ADE 602 and 603, recommended course areas would include business, management, marketing, and educational administration.

**Adult Basic Education:** for those interested in teaching and administering adult basic and secondary education. Recommended courses include ADE 541, 542, 545, 602, and related courses in reading and English composition.

**Research:** for those interested in conducting research at a professional level. Recommended course areas would include statistics, research design, grant writing, historical research methods, psychology, and computers.

**Career Specialization:** for those interested in using their elective courses to pursue specific career interests, such as nursing, criminal justice, fine arts, liberal arts, business, technical fields, library services, etc. Many people in this track might be teachers or trainers in post-secondary institutions, health-related organizations, or business organizations.

**Gerontology:** for those interested in the older adult. In addition to ADE 580 and 750, germane courses in psychology, sociology, social work, and counseling are recommended.

**Dissertation (12 hours)**

During the dissertation process, all students must complete twelve (12) hours of ADE 898, Dissertation. A minimum of three (3) credit hours of ADE 898 must be completed during the semester in which the dissertation is defended. The student submits three documents to a doctoral committee of five faculty: a pre-proposal, a proposal, and a completed dissertation. The last two are defended orally. A student applies for candidacy only after all degree requirements except the oral defense of the dissertation are completed .







5. a thesis
6. a 3.0 GPA to graduate

The anthropology requirements in this program are covered in the Department of Anthropology and Sociology section of this *Bulletin*.

Applicants must meet the general requirements for admission to the university's specialist's degree programs as outlined in this *Bulletin*. Eligibility requirements for applicants to the specialist's degree program in library and information science are as follows:

Applicant must have a master's degree in library and information science, a master's degree in library and information science with an AA license, or a Master of Education degree with an AA license. (For students with a Master of Education degree with an AA license, additional coursework is required).

Applicant must have two (2) years of professional employment after earning the master's degree. (This requirement will be considered for waiver under specific circumstances. Contact the director of the School of Library and Information Science.)

Applications for admission to the Specialist in Library and Information Science degree program are evaluated by a combination of the following factors:

Graduate record - minimum 3.25 GPA (on a 4.0 scale) on all graduate work

Graduate Record Examination scores

Letters of Recommendation - Three letters of recommendation by professionals in the field or from the applicant's college instructors

Graduate submission in Library and Information Science.)

Six (6) hours of a specialist field project (LIS794) or thesis (LIS 798)

2. Oral defense of the proposal; completed specialist field project or thesis to a committee; and comprehensive exam
3. Students must meet the residency requirements specified in this *Bulletin*.

Students entering the specialist's program with a Master of Education degree with an AA license must complete the following requirements:

1. Forty-five (45) semester hours of coursework:

Twenty-one (21) hours of prerequisite courses: LIS 501, 505, 511, 605, 636, 651, 668

Eighteen (18) hours of elective courses in library and information science, with an option to substitute twelve (12) hours of education courses for the recommended LIS courses (consult adviser)

Six (6) hours of a specialist field project (LIS794) or thesis (LIS 798)

2. Oral defense of the proposal; completed specialist field project or thesis to a committee; and comprehensive exam
3. Students must meet the residency requirements specified in this *Bulletin*.
4. A 3.0 to graduate.

**Continuous Enrollment Requirement:** Students must meet the requirements specified in the front section of this *Bulletin* for continuous enrollment.

## Department of Psychology

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(601) 266-4177

*Agler, Alford, Arnau, C. Barry, T. Barry, Berman, Bolte, Christ, Copeland, Dahlen, Goggin, Green, Greer, H6? @0.077 -9 TDrsh, TDrtwig\*, J AlBermKoep, C,n A. KuczLea*











**Attendance/Closed Class Policy**

The Department of Technology Education makes every attempt possible to provide students with access to classes offered through the Department. For this reason, the following policy has been adopted for classes offered through the Department.

**Students must attend the first class meeting.** If a student does not attend the first class meeting of the semester, if the class is “closed”, and if another student(s) is requesting enrollment in that section of the class, then the student not attending the first class meeting will forfeit his/her seat in the class, and the seat will be given to the student(s) requesting enrollment. The student(s) requesting enrollment must be present at the beginning of the first class meeting.

The student who forfeited his/her seat will be responsible for completing the official procedures to “drop” the class. The Department will not automatically “drop” the student from the class. If the student fails to drop the class, and his/her name is on the grade roster, the student will receive an **F** for the course.

The student awarded the seat in the class will be responsible for completing the official procedures to “add” the class. The Department will not automatically “add” the student to the class.

Priority for requesting enrollment in the class will be given to graduating seniors, then to other students on a “first-come-first serve” basis.

**Master of Science Degree in Technology Education with an Emphasis in Business Technology Education**

All students pursuing an emphasis in business technology education must complete the following requirements:

	<b>Hours</b>
BTE 651, 652, 653, 608, 692.....	15
REF 601, 607.....	6
Electives—Nine (9) semester hours. Subject to the approval of the student’s adviser or department chair; elective hours may be selected to structure a graduate minor or to cluster courses in support of specific certification requirements or other professional goals.....	9
	30

**Master of Science Degree in Technology Education with an Emphasis in Technical and Occupational Education**

All students pursuing an emphasis in technical and occupational education must complete the following requirements:

	<b>Hours</b>
TOE 605, 607, 611, 692.....	12
REF 601, 607.....	6
Electives—Twelve (12) semester hours. Subject to the approval of the student’s adviser or department chair, elective hours are to be taken as follows:	
1. Three (3) elective hours must be taken in Technical and Occupational Education or Instructional Technology.	
2. The remaining nine (9) semester hours may be selected to structure a graduate minor, or to cluster courses in support of specific certification requirements or other professional goals.....	12
	30

**Curriculum for Coordinators of Cooperative Vocational Education (Includes D.O. Co-Op)**

Prerequisite: Standard license in trade and technical education, business technology education, vocational home economics or vocational agriculture.

**Add-On Licensure Requirement**

Six (6) semester hours as follows:

	<b>Hours</b>
BTE or TOE 552 History and Philosophy of Vocational Education.....	3
BTE or TOE 553 Techniques/Problems of Coordination.....	3
OR	







Department/School	Major	Degree
<b>Doctoral Level</b>		
Human Performance and Recreation	Human Performance	Doctor of Education
	Administration and Teaching Emphasis	Doctor of Philosophy
	Exercise Physiology Emphasis	
Nursing	Nursing	Doctor of Philosophy
	Ethics Emphasis	
	Leadership Emphasis Policy Analysis Emphasis	
Nutrition and Food Systems	Nutrition and Food Systems	Doctor of Philosophy
Speech and Hearing Sciences	Audiology	Doctor of Audiology

\*Minor offered through all units.

\*\*Certificate offered through all units.







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## Graduate Certificate in Gerontology

The college offers a graduate certificate in gerontology for those who need additional or specialized training, but do not wish to pursue a master's degree, or for current Southern Miss graduate students who wish to receive more than a minor degree. A graduate certificate in gerontology will provide students and professionals an opportunity to broaden their theoretical knowledge of aging, the aged, and the policy-making process; keep abreast of changes in the field; meet new educational requirements for their jobs; or prepare for a new position. More detailed information is available in the dean's office.

### Admission Requirements for the Certificate Program

All applications for the graduate certificate program must be submitted to the Office of Graduate Studies. In addition, all nondegree seeking students must submit the "Approval for Non-Degree Enrollment in a Graduate Course" form to the gerontology program coordinator.

The gerontology program is a continuing education program for students who are currently enrolled in a graduate program at Southern Miss. The program is designed to provide students with the knowledge and skills necessary to work in the field of gerontology. The program is a part of the College of Health and is located in the Gerontology Center. The program is a part of the College of Health and is located in the Gerontology Center. The program is a part of the College of Health and is located in the Gerontology Center.

NSG	692	Special Problems in Gerontology
PSY	556	Psychology of Aging and Death
SHS	642	Communication Problems of the Aged
SOC	524	Sociology of Aging
SWK	673	Social Work Field Education Practicum*
SWK	675	Social Work Practice with Persons in Middle and Late Life
SWK	692	Special Problems**

\*Only practica placements in the field of gerontology can be used to satisfy requirements of this minor or the certificate.

\*\*Research or special problems must be related to gerontology.

## Department of Community Health Sciences

James McGuire, Chair  
118 College Drive #5122  
Hattiesburg, MS 39406-0001  
(601) 266-5437  
www.usm.edu/chs

Ahua, Anderson-Lewis, Carver, Exline, Graham-Kresge, Hinton, Ibrahim, McGuire, Mitra, G. Powell

### Unit Description

The Department of Community Health Sciences was created as an organizational focus for expanded activities in community health. The department offers a Master of Public Health (MPH) degree and a MPH/MBA dual degree in conjunction with the College of Business and Economic Development. Emphasis areas include epidemiology and biostatistics, health education, health policy and administration, occupational health and safety, and public health nutrition. Faculty and staff are involved in interdisciplinary research and demonstration activities in areas such as health care access, health promotion, community health workers, impact studies, health care provider utilization, rural health, cancer control, and occupational health and safety. The MPH program is accredited by the Council on Education for Public Health.

**Interdisciplinary Minor in Gerontology:** The center participates in the interdisciplinary minor in gerontology and the graduate certificate in gerontology. Specific requirements and courses available for the minor and certificate can be found under the Interdisciplinary Minor in Gerontology and Graduate Certificate in Gerontology headings in the College of Health section of this *Bulletin*.

### Offerings for Non-Majors

A number of courses offered within the Department of Community Health Sciences do not have prerequisites and are excellent choices for electives:

- CHS 601 Community Health Practice
- CHS 622 Epidemiology
- CHS 623 Biostatistics
- CHS 625 Health Administration
- CHS 655 Environmental Health
- CHS 656 Social and Behavioral Aspects of Health
- CHS 685 Contemporary Issues in Health

### Degree Descriptions

**Overview of Major:** The Master of Public Health program seeks to prepare students for leadership

homes, academic institutions, industries, and government agencies such as the Centers for Disease Control and Prevention (CDC) and the National Institutes of Health (NIH).

**Health Education:** Health education is concerned with the health-related behaviors of people. It focuses on the forces that affect those behaviors and the role they play in the maintenance, promotion, and improvement of health. Health education majors are eligible to take a certifying examination for entry-level health educators, qualifying them as Certified Health Education Specialists (CHES).

**Health Policy and Administration:** Health administrators are charged with coordinating a wide variety of activities crucial to the effective and efficient delivery of health services and programs. The health administrator plans, organizes, coordinates, and supervises the delivery of services within health care organizations, including hospitals, mental health clinics, long-term care facilities, rehabilitation centers, insurance companies, and multidisciplinary physician groups. Students earning the MPH/MBA degree find positions in the above areas as well as with consulting firms.

**Occupational Health and Safety:** Admissions in this emphasis area are suspended for this academic year.

**Public Health Nutrition:** Admissions in this emphasis area are suspended for this academic year.

**Executive Master of Public Health in Health Policy Administration:** An MPH program designed for individuals who have completed an undergraduate degree and have at least three years of full-time work experience in a health care/service setting. The degree can be completed in 14 months using a rigorous, concentrated format that includes three classes each semester. Two of the three classes will meet for three Friday and Saturday sessions on the Gulf Park campus at Long Beach, Mississippi. The third class is online and can be completed at home. Each semester follows this format of two classroom classes and one online class. For information on this degree program, contact the Department of Community Health Sciences at 266-5437.

**Internship**

Students must complete a nine-credit hour (400 clock hours) internship at an approved site. Those with at least three years of experience or a terminal degree in a relevant area may apply for a waiver of the internship requirement.

**Admission Requirements**

Application for admission to the MPH program is made through the Graduate Studies Office of the university and through the Department of Community Health Sciences.

Applications are reviewed three times a year and are due July 15 for fall semester, October 15 for spring semester, and April 15 for summer term.

A complete application consists of the Graduate Studies Office application, the Department of Community Health Sciences application and essay, GRE or GMAT scores, transcripts and three letters of reference from persons qualified to assess the applicant's readiness for graduate study. International applicants also must submit TOEFL scores.

Minimum GPA is 2.75 on the last 60 hours of coursework.

Minimum TOEFL score is 550 for international applicants.

Applications are evaluated by the department's Graduate Admissions Committee. Enrollment is limited to 15 students per admission cycle with priority given to Mississippi residents. Other factors in the decision for admission include the GPA, GRE or GMAT scores, writing skills demonstrated in the essay, and the reference letters.

Students applying to the MPH/MBA program must also apply to the MBA program and take the GMAT exam.

**Continuous Enrollment Requirement:** Students must meet the requirement specified in the front section of this *Bulletin*.

**Program Requirements**

**Masters in Public Health Core Requirements**

	<b>Hours</b>
CHS 601 Introduction to Community Health Practice.....	3
CHS 622 Epidemiology.....	3
CHS 623 Biostatistics.....	3
CHS 625 Health Administration.....	3
CHS 655 Environmental Health.....	3



CHS 656 Social and Behavioral Aspects of Health.....3  
 CHS 611 Internship.....3-9

**Requirements for Emphasis in Epidemiology and Biostatistics**

CHS 620 Chronic Disease Epidemiology.....3  
 CHS 680 Research Methods.....3  
 CHS 685 Contemporary Issues in Health or approved elective .....3  
 CHS 722 Infectious Disease Epidemiology.....3  
 CHS 723 Biostatistics II.....3  
 CHS 685 Contemporary Issues in Health.....3

**Requirements for Emphasis in Health Education**

CHS 508 Health Education Methods.....3  
 CHS 609 Community Health Education Planning.....3  
 CHS 512 Measurement and Evaluation in Health Education.....3  
 CHS 720 Community Organization for Health Education.....3  
 Approved Health Education Electives.....6

**Requirements for Emphasis in Health Policy and Administration**

CHS 627 Health Policy.....3  
 CHS 657 Financial Aspects of Health Care I.....3  
 CHS 670 Health Law and Justice.....3  
 CHS 710 Seminar .....3  
 CHS 757 Financial Aspects of Health Care II.....3  
 CHS 792 Special Problems in Health or Elective.....3

**Requirements for Emphasis in Occupational Health and Safety**

CHS 638 Workplace Health Promotion.....3  
 CHS 658 Occupational Health.....3  
 CHS 670 Health Law and Justice.....3  
 CHS 744 Behavioral Problems in Safety.....3  
 CHS 746 Administration and Supervision of Safety Programs.....3  
 Approved Elective.....3

**Requirements for Emphasis in Public Health Nutrition**

CHS 665 Public Health Nutrition Programs and Principles.....3  
 CHS 666 Nutrition Program Planning and Evaluation.....3  
 CHS 720 Community Organization for Health Education.....3  
 NFS 662 Community Health and Nutrition.....3  
 Approved Electives.....6

**Masters in Public Health/Masters in Business Administration Dual Degree Foundation Courses**

Students without undergraduate training in business may need to take the following foundation courses:

MBA 500 Organizational Behavior.....3  
 MBA 511 Financial Accounting.....3  
 MBA 520 Managerial Economics.....3  
 MBA 550 Marketing Foundations.....3  
 MBA 570 Managerial Finance .....3

**Masters in Business Administration/Masters in Public Health Dual Degree Core Courses**

MBA 600 Business and Society.....3  
 MBA 605 Marketing Management.....3  
 MBA 640 Problems in Corporate Finance.....3  
 MBA 645 Communication Skills for Managers.....3  
 MBA 650 Business Modeling.....3  
 MBA 660 Managerial Strategy and Planning.....3  
 CHS 601 Community Health Practice.....3

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CHS 622 Epidemiology.....	3
CHS 623 Biostatistics .....	3
CHS 625 Health Administration.....	3
CHS 655 Environmental Health.....	3
CHS 656 Social and Behavioral Aspects of Health.....	3
CHS 627 Health Policy.....	3
CHS 657 Financial Aspects of Health Care I.....	3
CHS 670 Health Law.....	3
CHS 710 Seminar.....	3
CHS 757 Financial Aspects of Health Care II.....	3
CHS 792 Special Problems in Health.....	3
Approved Elective.....	3
CHS 611 Internship (unless waived).....	3-9

**Requirements for Minor in Public Health**

CHS 601 Introduction to Community Health Practice.....	3
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The doctoral degree program in human performance: exercise physiology is designed to prepare students for advanced teaching and research careers in higher education and/or industry.

### **Program Requirements**

The Master of Science degrees require a minimum of 36 semester hours beyond the bachelor's degree (with 18 hours of 600 level or higher). Some emphasis areas may require greater minimum hours beyond the bachelor's degree. The Doctor of Philosophy degree requires a minimum of seventy-two (72) semester hours beyond the master's degree, including the dissertation, research tools, and program coursework. Comprehensive exams and a 3.0 GPA are required for graduation.

### **Admission Standards**

Admission to human performance and recreation degree programs is selective. Members of all underrepresented groups are strongly encouraged to apply. Regular admission is contingent on having graduated from a college or university with accreditation from appropriate, recognized national-level accrediting agencies. Admission to the program is contingent upon an applicant's academic background, work experience, demonstrated leadership, and communication skills meeting the challenging demands of graduate programs in the fields of sport administration, human performance, or recreation. The School of Human Performance and Recreation adheres to university policies with regard to admission of graduate students on a conditional basis. In evaluating applications for program admission, the HP&R program admission committees utilize the following criteria:

The student's graduate advisory committee shall be responsible for administration and evaluation of the student's comprehensive examination. The chair of the advisory committee shall be responsible for reporting the results of the examination to the director. At least three HP&R graduate faculty members within the degree emphasis area must comprise master's advisory committees. Doctoral advisory committees must include at least three eligible HP&R graduate faculty within the degree program area emphasized.

Chairs of all advisory committees must be eligible HP&R graduate faculty.

A student's thesis or dissertation committee may be comprised of members of his/her advisory committee. It is expected that at least three (3) HP&R graduate faculty members from the advisory committee will be included on the student's thesis/dissertation committee. Additionally, an eligible HP&R graduate faculty member from the program emphasis area must serve as chair of the thesis/dissertation committee. The student may request eligible members outside of the school to serve on the committee. All committee membership (advisory or thesis/dissertation) must be approved by the graduate dean. All committee membership requests are submitted to the college dean upon the approval of the director of the school.

**Continuous Enrollment Requirement:** Students must meet the requirement specified in the front section of this *Bulletin*.

## Master of Science Programs

### Human Performance

Course requirements for the Master of Science degree in Human Performance include a minimum of thirty-six (36) semester hours of graduate work plus any undergraduate courses deemed



HPR 735 Electrocardiography.....3  
HPR 780 Graduate Seminar.....1  
HPR 792 Special Problems.....3  
HPR 833 Nutrition in Human Performance.....3  
Select one course from REF 602, CHS 540, CSS 515, or PSY 660.....3  
Select one course from REFF6602, CHS540, CSS 515, or PSY 660.....05.....OR Á 15 F  
Select one course from REFF6602, CHS540, CSS 515, or PSY 660.....05.....OR Á 15 F



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**Admission Requirements**

For both programs, in addition to meeting the general requirements of the Graduate School and university as stated in this *Bulletin*, the applicant must submit scores from the GRE and two letters of recommendation. Letters of recommendation should be from persons qualified to assess the applicant's readiness for graduate study and should be sent to the department or school. Students admitted will receive either regular or conditional admission, as described earlier in this *Bulletin*. Students admitted on conditional basis must make a grade point average of at least 3.0 the first semester on specific courses designated by the department faculty (specifically on the first nine (9) hours of coursework numbered 500 or above or on all coursework taken while completing this nine (9)-hour requirement). Regardless of previous college experience, if English is not the native language of any student, evidence of English proficiency must be provided prior to admission into the graduate program. The MTELP (Michigan Test of English Language Proficiency) requirement is "Proficiency II" and is preferred by the department. Alternatively a TOEFL of 550 may be accepted. In addition, a score of 4 ("functional language skills") must be earned on a fluency test administered by the English Language Institute. This fluency test is specifically designed to determine listening and speaking fluency.

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## Master of Science in Nursing for Graduates of Diploma and Associate Degree Programs

In keeping with its commitment to excellence and leadership in nursing, the School of Nursing offers a Master of Science in Nursing degree designed for nurses holding an Associate Degree (ADN) or a Diploma in Nursing. ADN or diploma nurses may complete the degree requirements in two to two-and-one-half (2-2 1/2) years of full-time study. With this plan, students do not receive the baccalaureate degree, but after completing prerequisites they may proceed with the graduate-level courses. Students may elect to pursue the program of study on a part time basis. Students select an emphasis area on admission.

### Admission Requirements

1. an Associate Degree or Diploma in Nursing from a program accredited by the National League for Nursing Accreditation Commission
2. evidence of an unencumbered registered nurse license
3. an overall GPA of 2.75
4. a minimum of a C grade in each course applicable to the nursing curriculum (only one natural science course may be repeated once)
5. a GPA of 3.0 in all nursing courses
6. proof of immunization against the Hepatitis B virus
7. proof of recent health examination
8. tuberculosis skin test yearly
9. current CPR certification
10. submission of scores from the Graduate Record Examination (GRE)
11. three letters of recommendation from persons qualified to assess the applicant's readiness for graduate study sent to the School of Nursing

### Program Requirements

The generic Master of Science in Nursing degree requires a minimum of 94 undergraduate credit hours that include 30 hours of credit for lower-division nursing courses. The student must complete 22 hours of upper division nursing courses with a GPA of 3.0 or better. Students declare their emphasis area at the time of admission to the program. All candidates for the degree must complete a minimum of 45 semester hours of coursework leading to the Master of Science in Nursing Degree. Students seeking admission to the Family Nurse Practitioner Program must meet the additional requirements for admission and complete a minimum of 52 semester hours of coursework. Psychiatric Nurse Practitioner students must complete a minimum of fifty-four (54) semester hours of coursework (18 hours at 600 level). Academic progression policies are the same for all master's degree students. A comprehensive exam is required. The students must complete the entire program of study and have a 3.0 GPA in order to receive a degree.

If a student has a felony conviction, the student may not be able to complete the degree because the student may not be able to perform the clinical experience.

### Financial Assistance

Traineeships/scholarships may be available from federal and state funding sources depending on the selected area of study and availability of funding in any given year. Financial assistance also is available from the Financial Aid Office of the university. Funding resources are subject to change, and payback clauses may be part of the funding agreement.

### Interdisciplinary Minor in Gerontology

The School of Nursing offers a minor in Gerontology. The minor requires 10.5 credit hours in Gerontology courses.





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## Requirements for the Master of Science in Nutrition and Food Systems

Core Requirements (15-18 hours)	Hours
CHS 623 Introduction to Biostatistics.....	3
NFS 703 Research Techniques for Nutrition and Food Systems.....	3
NFS 715 Recent Developments in Applied Nutrition.....	3
OR	
NFS 694 Current Topics in Food Systems Management.....	3
NFS 780 Advanced Practice in Nutrition and Food Systems.....	3
NFS 698 Thesis (6 hours).....	6
OR	
NFS 692 Special Problems (professional project).....	3

For the remaining 18-21 hours, students can elect to pursue one of three tracks: Dietetics Practice, Food and Nutrition Programs Management, or Applied Nutrition. Students select coursework with guidance from their advisor, with a minimum of 12 hours from NFS courses.

## Graduate Certificate in Management of Child Nutrition Programs

The Graduate Certificate in Management of Child Nutrition Programs is available for those who desire specialized training but do not wish to pursue a master's degree. Courses are offered in an online format to meet professional requirements of individuals employed in or seeking employment in Child Nutrition Programs.

### Admission Requirements

Applicants must complete the Application for Admission for Graduate Studies, indicating Non-Degree under Academic Status, and submit the application to the Office of Graduate Studies, 118 College Drive #10066, Hattiesburg, MS 39406. Applicants must submit a letter of application to the graduate coordinator, Department of Nutrition and Food Systems, 118 College Drive #5172, Hattiesburg, MS 39406. The letter should describe their professional goals and how this certificate program fits into those goals. The graduate program committee of the Department of Nutrition and Food Systems makes admission recommendations based on evidence of holding, at a minimum, a baccalaureate degree from an institution approved by a recognized accrediting agency, and being in good standing at the last institution attended.

### Program Requirements

- 1) The student must complete 18 semester hours of courses as specified below, with a grade of B or better in each course.
- 2) The student may repeat a class only one time if he/she receives a grade less than a B.
- 3) The student must complete requirements within four years.
- 4) No more than nine semester hours from the certificate program may be used toward a subsequent master's degree.

### Courses

NFS 545 Financial Management in Nutrition and Food Systems  
 NFS 575 Food Production Management  
 NFS 625 The Nutrition of Children  
 NFS 673 Child Nutrition Program Management  
 NFS 690 Current Topics in Child Nutrition Programs  
 NFS 715 Recent Developments in Applied Nutrition

## Doctor of Philosophy in Nutrition and Food Systems

The Doctor of Philosophy degree in Nutrition and Food Systems will prepare students for leadership and research positions in nutrition or food systems. Career choices upon completion of the Doctor

### Requirements for Admission

In addition to meeting the university requirements for admission to the Graduate School, the doctoral program applicant must meet the following requirements for admission to the Nutrition and Food Systems program:

1. Completion of a master's degree and prerequisite courses for the area of major emphasis is required. Food service management prerequisites include food service management, quantity foods, management, general/normal nutrition, life cycle nutrition, and univariate statistics. Applied nutrition prerequisites include general, organic, and biochemistry, advanced nutrition, anatomy and physiology, food service management, and univariate statistics.
2. A minimum grade point average (GPA) of 3.5 on a 4.0 scale is required on previous graduate work.
3. Submission of acceptable GRE scores is required.
4. A minimum of two years of professional experience in nutrition, food service management, or a related area is recommended.
5. A current vita and a letter of application should be submitted to the chair of the Department of Nutrition and Food Systems. The letter of application should include career goals and reasons for pursuing the Doctor of Philosophy, should state the intent to emphasize food service management, applied nutrition, or both, and should indicate how previous education and work experience have prepared the individual to pursue the Doctor of Philosophy.
6. Three letters of recommendation addressing professional competence and readiness for doctoral work should be sent directly to the Department of Nutrition and Food Systems.
7. An interview must be scheduled with the graduate faculty in Nutrition and Food Systems.
8. Applicants whose native language is not English must present a minimum TOEFL score of 550.
9. The application must be approved by the graduate faculty, the chair of the Department of Nutrition and Food Systems, and the dean of the College of Health.

**NOTE:** NO26-9TD(9.)Tj 12.1250TDrsnoeap,aD7D(9.)Tjpvoveeguaç23.87-11.5TD4ersofgraduatafaculi6kvitaandaletterofapplicationshouldb7D(9.)tion,an9

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- A. a bachelor's degree from an accredited college or university
- B. a minimum of 12 semester hours of liberal arts coursework and a course in human biology
- C. the grade point average (GPA) on the last 60 hours of undergraduate coursework required by the Graduate School
- D. Graduate Record Examination (GRE) scores
- E. a written personal statement
- F. a written response to a case situation
- G. three letters of recommendation from persons qualified to assess the applicant's readiness for graduate study

Applications to the advanced standing program are evaluated on the basis of the additional criteria below:

**Advanced Standing.** Qualified applicants to the MSW program who hold a BSW from an accredited program, or who have completed equivalent foundation curriculum coursework at an accredited school of social work, may be exempted from up to 30 credit hours of MSW foundation coursework.

Applicants holding the BSW degree and applying for advanced standing must meet the following criteria:

- A. BSW degree from an accredited program conferred within the last five years
- B. minimum GPA of 3.0 in the last 60 hours of baccalaureate education
- C. minimum GPA of 3.5 in the undergraduate social work program overall, with a grade of B or better in all required social work courses
- D. GRE scores
- E. a passing score on a qualifying examination based on foundation curriculum content

Eligibility of an applicant for advanced standing admission based on MSW foundation coursework completed at an accredited program other than Southern Miss is determined by the following:

- A. assessment of curriculum comparability by the MSW admissions committee
- B. a grade of B or better in all courses considered toward advanced standing
- C. a recommendation of the admissions committee and approval of the director
- D. compliance with other standard criteria for admission to the MSW program
- E. a passing score on the appropriate sections of a qualifying examination based on foundation curriculum content

**Grade Point Average.** For applicants to either the 60-credit-hour full-time or part-time MSW programs, the GPA on the last 60 hours of undergraduate coursework must be at least 2.5. For applicants to the 30-credit-hour advanced standing program, the GPA on the last 60 hours of undergraduate coursework must be at least 3.0 and the GPA for the undergraduate social work program must be at least 3.5.

**Graduate Record Examination.** The GRE is required for admission. Applicants should schedule the exam so as to allow sufficient time for submission of exam scores by March 15; call 1-(800)-473-2255, or access the GRE Web site at <http://www.gre.org> for details.

**Conditional Admission.** The school adheres to university policies with regard to admission of graduate students on a conditional basis. The university regulations concerning conditional admission for full-time or part-time students are stated in this *Bulletin* under Admission Requirements and Procedures.

**Progression Requirements.** First-year students in the two-year 60-credit-hour model will be enrolled in classroom courses in each semester and in concurrent field instruction (practicum) in the spring and summer semesters of the first year. In the fall semester of the second year, students will take classroom courses only and in the spring semester will be placed in an advanced field practicum for four days each week.

At least one classroom course will be taken during the spring semester concurrently with the advanced field practicum. All courses must be taken in accordance with a sequenced curriculum plan (see the model program below).

Students in the 30-credit-hour advanced standing model will take classroom courses only during the fall semester. In the spring semester, students will be placed in an advanced field practicum for four days each week. Three classroom courses will be taken during the spring semester concurrently with the advanced field practicum. All courses must be taken in accordance with a sequenced curriculum plan (see model program below).





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**Semester V Spring**

SWK 666 Community Development and Social Planning.....	3
SWK 674 Social Work Practice with Families.....	3
SWK 696 Social Work Practice with Groups.....	3
	<b>9</b>

**Semester VI Summer**

SWK 635 Management and Administration.....	3
SWK Electives.....	6
	<b>9</b>

**Semester VII Fall**

SWK 653 Social Work Mental Health Assessment.....	3
SWK 673 Field Education III.....	3
	<b>6</b>

**Semester VIII Spring**

SWK 658 Advanced Interventive Methods.....	3
SWK 673 Field Education III.....	3
	<b>6</b>

**Minimum Total Credit Hours 60**

**Advanced Standing Program Model**

**Semester I Fall**

SWK 635 Management and Administration.....	3
SWK 653 Social Work Mental Health Assessment.....	3
SWK 666 Community Development and Social Planning.....	3
SWK 674 Social Work Practice with Families.....	3
SWK 696 Social Work Practice with Groups.....	3
	<b>15</b>

**Semester II Spring**

SWK 658 Advanced Interventive Methods.....	3
SWK 673 Field Education III.....	6
	<b>9</b>

**Semester III Summer**

Electives.....	6
	<b>6</b>

**Minimum Total Credit Hours: 30**

**Department of Speech and Hearing Sciences**

Stephen E. Oshrin, Chair  
 118 College Drive #5092  
 Hattiesburg, MS 39406-0001  
 (601) 266-5216  
 www.usm.edu/shs

*Alexander\*, Berry, Carlin, Cloud, Muma, Oshrin, Schaub, Teller, Terrio*

*\*Associate Graduate Faculty*

The Department of Speech and Hearing Sciences offers programs leading to the Master of Arts, the Master of Science, and the Doctor of Audiology degrees. Emphasis is possible in three principal areas: (1) speech-language pathology, (2) audiology, and (3) education of the deaf.

New students are accepted by the Department of Speech and Hearing Sciences for the master's program in speech-language pathology, education of the deaf, or audiology for the summer and fall semesters only. Students must have regular admission status to register for practicum courses.

Nondegree students are not permitted to register for courses in speech and hearing sciences without permission.

Potential graduate students should refer to other sections of the *Bulletin* for information regarding admission requirements as set forth by the Graduate School. Regular admission to the master's and doctoral programs is based upon the previous academic records, submission of scores on the Graduate Record Examination, and three letters of recommendation. Letters of recommendation

should be from persons qualified to assess the applicant's readiness for graduate study and should be sent to the department or school. The size of the graduate program is limited by accreditation standards, and admission is made on a competitive basis.

Students who do not qualify for regular admission may be admitted on conditional basis if space allows. Conditional students may be required to take additional coursework for graduation. In addition, a student whose initial admission is on a conditional or nondegree basis may register for no more than one hour of clinical practicum during any semester of their graduate program. Conditional students whose grade point average is less than 3.0 after the first nine (9) hours or on all courses taken while meeting the nine (9) hour requirement will be dropped from the program.

A major in speech-language pathology at the master's level requires a minimum of fifty-four (54) semester hours. The Master of Arts degree in Speech-Language Pathology requires a foreign language proficiency, thesis, four semester hours of clinical practicum, no less than 12 three-semester-hour courses, and the successful completion of a comprehensive examination. A 3.0 GPA is required for graduation. The master's comprehensive examination is the National Examination in Speech-Language Pathology and Audiology; the passing score for this year is 600. The Master of Science degree in Speech-Language Pathology requires four semester hours of clinical practicum, no less than 15 three-semester-hour courses, and the successful completion of a comprehensive examination. The Master of Arts degree in Audiology requires a thesis, three semester hours of clinical practicum, no less than nine three-semester-hour courses, foreign language proficiency, and the successful completion of a comprehensive examination. The Master of Science degree in Audiology requires three semester hours of clinical practicum, no less than 11 three-semester-hour courses, and the successful completion of a comprehensive examination. A 3.0 GPA is required for graduation.

The Doctor of Audiology degree requires nine semester hours of clinical practicum, a minimum of 24 three-semester-hour courses, completion of an extern residency, successful completion of a doctoral

**Practicum Requirements**

A student in speech-language pathology or audiology must complete practicum in three different settings. Off-campus sites must be approved by the faculty adviser, and students must have a minimum grade point average of 3.0 before beginning off-campus practicum.

**Doctor of Audiology Degree**

The Doctor of Audiology (Au.D.) degree is a clinical doctorate designed to meet the academic and practicum requirements for the Certificate of Clinical Competence in Audiology awarded by the



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Department/School	Major	Degree
Science and	Engineering	Bachelor of Science in Engineering

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# College of Science and Technology

Rex F. Gandy, Dean  
Joe B. Whitehead, Associate Dean  
118 College Drive #5165  
Hattiesburg, MS 39406-0001  
(601) 266-4883

The College of Science and Technology offers degrees as outlined on the previous two pages. Please check each department/school section for specific admission, course, and graduation requirements as well as for descriptions of areas of specialization. In addition, present and prospective students should consult earlier sections of this *Bulletin* for the general Graduate School requirements and regulations that apply to all graduate programs and degrees.

The Center for Science and Mathematics Education, in cooperation with the Departments of Biological Sciences, Chemistry and Biochemistry, Coastal Sciences, Computer Science and Statistics, Geology, Marine Sciences, Mathematics, Medical Technology, and Physics and Astronomy offers the M.S., Ed.D., and Ph.D. degrees in science and mathematics education with areas of specialization as indicated in the college's graduate degrees listing. These units also cooperate with the College of Education and Psychology to offer the coursework to support the M.Ed. and Ed.D. in secondary education with various science and mathematics specialization areas.

The college offers the Ph.D. in Computational Science with emphasis in Computer Science, Computational Mathematics, and Computational Physics and an interdisciplinary minor in environmental science. Interested students may obtain a listing of the available courses from the chair of their department or graduate committee.

The faculty members of the College of Science and Technology have organized numerous specialized centers and institutes, several of which address interdisciplinary issues. Below is a list of several of these specialized centers and institutes.



several of which address interdisciplinary issues. Below is a list of several of these specialized centers and institutes.





## Institute of Environmental Science

Eyler Coates, Director  
 118 College Drive #5137  
 Hattiesburg, MS 39406-0001  
 (601) 266-4896

The Institute of Environmental Science assembles teams of researchers from all disciplines as needed to undertake applied research in the areas of environmental studies and renewable energy resources. Providing environmental expertise to the community is another major function of the institute.

## Institute for Formulation Science

Robert Y. Lochhead, Director  
 118 College Drive #10076  
 Hattiesburg, MS 39406-0001  
 (601) 266-4868

The Institute for Formulation Science supports and coordinates research in formulation science. The institute is an integral part of the College of Science and Technology and functions in concert with the School of Polymers and High Performance Materials.

## Institute of Juvenile Justice Administration

### Mississippi Polymer Institute

James Evans, Director  
 118 College Drive #10003  
 Hattiesburg, MS 39406-0001  
 (601) 266-4607

The Mississippi Polymer Institute was authorized by the Mississippi Legislature in 1983. The purpose of the institute is to conduct research designed to support the rapidly growing polymer industry in Mississippi by building the infrastructure and providing technical assistance. The institute is an integral part of the College of Science and Technology and functions in concert with the School of Polymers and High Performance Materials.

## Department of Administration of Justice

Donald Cabana, Chair  
 118 College Drive #5127  
 Hattiesburg, MS 39406-0001  
 (601) 266-4509

*Cabana, Hunt, Mallory, Nored, Payne, Roberts, Thompson*

The Department of Administration of Justice offers courses leading to a master of arts degree, a master of science degree, a doctor of philosophy degree, and a graduate minor in the master's and doctoral degree programs of other departments.

### Graduate Degree Programs

#### Master of Arts Degree

The Master of Arts in Administration of Justice consists of a minimum of thirty-three (33) hours of administration of justice coursework, or a minimum of twenty-four (24) hours of administration of justice coursework with nine (9) hours of additional coursework in an approved minor (with 18 hours of 600 level or higher). Either sequence also requires six (6) hours of AJ 698, thesis, for a total of thirty-nine (39) hours. AJ 520 and AJ 625 are required. A foreign language competency is required. A comprehensive exam and a 3.0 GPA are required for graduation.

**Continuous Enrollment Requirement:** Students must meet the requirement specified in the front section of this *Bulletin*.

Science



**Frank R. Moore, Chair**  
118 College Drive #5018  
Hattiesburg, MS 391 406-0001  
(601) 266-4748

*G. Anderson, Beckett, Biesiot, Curry, Davis, Deng, Elasm, Ellender, Guo, Hairston, Hernandez, Howell, Kreiser, Luo, Middlebrooks, Moore, Pessoney, Qualls, Santangelo, Schaefer, Shearer, Wang, Williams*

The Department of Biological Sciences offers graduate degrees with emphases in environmental biology, marine biology, microbiology, and molecular biology. BSC courses cross-listed as MAR courses are generally taught at the university's Gulf Coast Research Laboratory (GCRL) in the Department of Coastal Sciences (COA) at Ocean Springs, Miss. A COA faculty member may function as a student's major professor.

#### **Admission Requirements**

Granting of regular admission to the graduate program in the Department of Biological Sciences is based on the following criteria:



### Program Requirements

The Ph.D. programs require eighty-four (84) graduate hours beyond the bachelor's degree or fifty-four (54) graduate hours beyond the master's degree with a 3.0 GPA. Specific course requirements depend upon individual needs and are selected with the advice of the student's research director and doctoral committee.

Among other requirements are

1. completion and oral defense of a research prospectus
2. completion of a Ph.D. comprehensive examination
3. Participation in the seminar program
4. Research Tool(s)

The student's research director and doctoral committee will determine the research tools requirement, which is to be based on the student's background and goals.

5. completion of a substantial research project and successful oral defense of a dissertation
6. Residency. Students must meet the residency requirements specified in this *Bulletin*.
7. Continuous enrollment

## Department of Coastal Sciences

Jeff Lotz, Chair  
P.O. Box 7000  
Ocean Springs, MS 39566-7000  
Jeff.Lotz@usm.edu

Kalin Butirich, Coordinator of Graduate Studies  
P.O. Box 7000  
Ocean Springs, MS 39566-7000  
(228) 872-4201  
kalin.butirich@usm.edu

*Biber, Brouwer, Campbell, Comyns, Grimes, Hawkins, Heard, Lotz, Otvos, Overstreet, Perry\*, Petersol, (Rakoc Haki, Walker(s))T333.465 -12\*Assoc Gradr of G*

- 4) a minimum score of 560 on the paper test or 220 on the computer test is required on the Test of English as a Foreign Language (TOEFL) for applicants whose native language is not English.

Because more qualified students apply to the Department of Coastal Sciences than can be accepted, admission is selective and a complete application must be submitted.

Conditional admission to the Department of Coastal Sciences is considered for students who meet Graduate School standards for conditional admission and who are sponsored by a member of the faculty of Coastal Sciences. The sponsor must provide a written statement indicating willingness to serve as the applicant’s major professor. Conditional students cannot obtain a departmental assistantship but can be awarded a research stipend from a major professor’s grant.

Conditionally admitted students must maintain a 3.0 GPA for the first nine (9) hours of formal coursework numbered 500 and above or on all coursework taken while meeting this nine (9)-hour requirement, not including research hours and only including up to three (3) hours of Special Problems. If this requirement is not met, the student is not allowed to remain in the program. Upon recommendation of the department chair and approval by the graduate dean, the conditionally admitted student may have his or her admission status changed to “regular admission.”

Students wishing to be considered for a limited number of graduate assistantships for the academic year beginning in the fall semester must have their completed application package to the Office of Graduate Studies no later than February 15. All applications for admission reviewed after this date will be considered if space is available, or will be placed in consideration for the next term.

**Program Requirements**

A minimum of thirty (30) graduate hours is required for this degree. Students must meet the general requirements of the Graduate School of The University of Southern Mississippi. Students advance to candidacy for the M.S. degree by completing the entire program of study (projection of coursework taken during tenure in Coastal Sciences; see below) developed in consultation with their graduate committee with a 3.0 grade point average or above, completing an approved thesis prospectus, and successfully passing the oral or written thesis comprehensive examination or both.

The following list describes major additional requirements:

1. Choose a major professor and establish a three-member graduate thesis committee by the end of the second semester in residency;
2. Develop a program of study in consultation with a major professor and thesis committee by the end of the second semester of residency. Graduate students cannot accumulate more than two Cs;
3. Submit a research prospectus approved by the graduate thesis committee by the end of the third semester in residency;
4. Pass an oral or written comprehensive examination or both by the end of the third semester in residency (administered by the thesis committee); and
5. Present an acceptable copy of the thesis to the graduate thesis committee at least 10 days prior to a public defense of the thesis at a publicly announced meeting. (See Thesis Timetable in front section of this *Bulletin*.)
6. Continuous enrollment

**Program of Study**

	<b>Hours</b>
COA 601 Coastal Processes I.....	3
COA 602 Coastal Processes II.....	3
COA 603 Professional Skills.....	2
PSY 662 Quantitative Methods I*.....	3
COA 691 Research in Coastal Sciences.....	6
COA 698 Thesis.....	6
Electives (Determined by major adviser and advisory committee)**.....	7

\*Students can substitute another three-hour statistics course approved by the major adviser and department chair.

\*\*COA 697 - Independent Study and Research, COA 698 - Thesis and research do not count toward this seven credit hours of electives for the M.S. degree. This seven credit hours of electives is the minimum requirement and additional courses may be recommended.



## Doctor of Philosophy Degree

The Department of Coastal Sciences offers a Doctor of Philosophy in Coastal Sciences with specialization in a wide range of subdisciplines including aquaculture, coastal ecology, biodiversity and systematics, coastal geology, estuarine and marine botany, fisheries ecology, geochemistry, parasites and diseases, and toxicology. The Ph.D. program emphasizes excellence in research. Knowledge deficiencies will be corrected through enrollment in elective courses as determined by the student's four-member graduate committee.

Qualified students holding a bachelor's degree (B.S./B.A.) or M.S. degree in a relevant field of science are encouraged to apply for admission.

### Admission Requirements

Granting of regular admission to the doctor of philosophy degree program is based on several criteria, including but not limited to the following:

1. Regular admission to the doctor of philosophy degree program requires consideration of the undergraduate overall GPA of 3.0 in a science-based major and a minimum GPA of 3.5 on all previous graduate work;
2. Submission of results of the general section of the Graduate Record Examination (GRE). Successful applicants have highly competitive scores;
3. A letter of intent stating interests and career goals as well as three letters of recommendation from people qualified to assess the applicant's readiness for graduate study should be sent to the department or school. The department will not initiate its review of an application until the letter of intent and letters of recommendation are provided. The letter of intent is used as a sample of the applicant's writing and communication skills, and provides information concerning the compatibility of the applicant's interests with departmental research interests. These should be sent to the Department of Coastal Sciences coordinator of Graduate Studies; and
4. A minimum score of 560 on the paper test or 220 on the computer test is required on the Test of English as a Foreign Language (TOEFL) for applicants whose native language is not English.

Because more qualified students apply to the Department of Coastal Sciences than can be accepted, admission is selective and a complete application must be submitted.

Conditional admission to the Department of Coastal Sciences is considered for students who meet Graduate School standards for conditional admission and who are sponsored by a member of the faculty of the Department of Coastal Sciences. The sponsor must provide a written statement

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The following list describes major additional requirements:

1. Choose a major professor and establish a four-member graduate doctoral committee by the beginning of the third semester in residency;
2. Develop a program of study (projection of coursework taken during tenure in Coastal Sciences) in consultation with major professor and dissertation committee by the end of the third semester of residency. Graduate students cannot accumulate more than two Cs;
3. Research Tool(s).The Ph.D. program requires that the student's Ph.D. committee will convene and examine the student's academic background and progress to date and will together develop a set of research tools based on the student's goals. These research tools will not exceed a total of 15 hours in addition to the core courses and other degree requirements.
4. The student will present a prospectus defense to his/her graduate committee to demonstrate an adequate depth of knowledge and ability to conduct research and pursue the Ph.D. program. For full-time students, this requirement will normally be fulfilled by the end of the second year of the student's program;
5. Pass an oral and written comprehensive examination by the end of the sixth semester in residency, which is administered by the doctoral committee; and
- 6.

proficiency in the areas of computer architecture, data structures and algorithms, and software design. Students should possess a grade point average of at least 3.5 on all graduate work attempted. Prospective students should submit scores from the General section of the Graduate Record Examination and three letters of recommendation from persons qualified to assess the student's readiness for doctoral student. Letters should be sent to the department.

### Program Requirements

Students expecting regular admission to the program should hold a bachelor's or master's degree in computer science,

A minimum of eighty-four (84) graduate semester hours beyond the bachelor's degree or fifty-four (54) graduate semester hours beyond the master's is required for the degree. A 3.0 GPA is required to graduate. All students in the program are required to complete a curriculum consisting of the following courses:

**Research Tools courses:** COS 701 (Visualization Techniques), COS 702 (Data Analysis Techniques), COS 703 (Data Handling Techniques)

**Core courses:** CSC 726 (Advanced Computer Architecture), CSC (Advanced Computing Algorithms), CSC 733, (Advanced Distributed Database Systems), CSC 730 (Parallel and Distributed Computing)

Following completion of these courses, a student will form his or her doctoral committee. The doctoral committee shall consist of five members. A minimum of three members must be faculty of the Computer Science Department; a minimum of one member must be a faculty member of a USM Computational Science program, and one member may consist of any qualified faculty member with expertise in a mathematical or scientific discipline. A student's committee will assist the student in selecting courses for the remaining required hours, in accordance with the student's specific skill requirements and research interests. Courses may be selected from both Computer Science offerings, as well as from relevant courses of other departments.

Students entering the program with a bachelor's degree may elect to earn a master's degree in Computer Science while enrolled in the Ph.D. program by utilizing an option that allows the substitution of two of the Ph.D. core CSC courses for the correspondingly numbered master's level courses, plus one more 700-level CSC course for the master's level thesis or project. 700-level courses taken as part of the master's degree requirements can not be counted as hours toward the Ph.D. degree. Core courses taken in conjunction with the correspondingly numbered master's level courses can not be counted as hours toward the Ph.D degree, but they count for satisfying the core knowledge requirement. For more details, refer to the Master of Science Program in Computer Science in this *Bulletin*.

### Residency

Students must meet the residency requirements specified in this *Bulletin*.

### Continuous Enrollment Requirement

Students must meet the enrollment requirement specified in this *Bulletin* requirements of the



- 616, in the set of core courses, if they have credit for the equivalent of CSC 415.
- b) completion of six hours of Ph.D. level coursework to be selected from among the following courses: CSC 726, 730, 733, 738
  - c) completion of three additional hours of approved Ph.D. level coursework
  4. satisfactory completion of a final comprehensive examination
  5. 3.0 GPA required for graduation
  6. continuous enrollment

## Master of Science in Computer Science with an Emphasis in Computational Science

The department also awards an M.S. degree with an emphasis in computational science. A degree plan for this emphasis area must include a common core of courses taken from the Departments of Computer Science, Mathematics, and Physics and Astronomy.

### Admission Requirements

See admissions requirements in the above section.

### Program Requirements

1. completion of prerequisites. A student applying for admission will normally have a B.S. degree from a computer science, mathematics, physics, or closely related program. Minimum course work required for admission includes the equivalent of CSC 101, CSC 102, CSC 307, MAT 385, MAT 326, and PHY 351 or PHY 361.
2. completion of at least 36 hours of graduate work with a 3.0 GPA (18 hours must be at the 600 level or higher)
3. completion of the computational science core courses listed under the School of Mathematical Sciences in this *Graduate Bulletin*.
4. satisfactory completion of a comprehensive examination
5. continuous enrollment

## School of Construction

**Desmond Fletcher, Interim Director**  
 118 College Drive #5138  
 Hattiesburg, MS 39406-0001  
 (601) 266-4895

*Adams, Coates, Endt, Fletcher, Hannon, Kemp, Ley, Lipscomb, Marchman, Vajpayee*

### Mission

The School of Construction graduate program at The University of Southern Mississippi is committed to preparing its students for exceptional careers in industry. To fulfill our mission, the School of Construction programs seeks a balanced and synergistic agenda of instruction, scholarly

b) compree

In evaluating applications, the admission committee utilizes the following criteria.

#### **Undergraduate record**

The cumulative grade point average (GPA) from all institutions, the area(s) of concentration, the balance of verbal/communication and quantitative/analytical courses, and the trend of grades are considered.

#### **Graduate Admission Tests**

A candidate should strive to achieve good balanced scores in all areas of either the Graduate Management Admissions Test (GMAT) or Graduate Record Exam (GRE). For further information regarding taking these tests, contact the Graduate Studies Office.

#### **Test of English as a Foreign Language (TOEFL)**

Students whose native language is not English must achieve a TOEFL score of 550 or higher.

#### **Work Experience**

While work experience is not required for admission, two or more years of relevant responsibility strengthens the likelihood of admission to the program. Applicants are encouraged to submit resumes showing job responsibilities and accomplishments.

#### **Letters of Recommendation**

The admission committee reviews letters of recommendation to gain a more personal understanding of the applicant's leadership ability in terms of communication and interpersonal skills. Each applicant should request three recommendation letters, at least one of which addresses the applicant's academic preparation. Letters of recommendation should be from persons qualified to assess the applicant's readiness for graduate study and should be sent to the program coordinator.

#### **Essay**

The essay requirement provides the applicant an opportunity to demonstrate writing competency and communication skills. It also enables the applicant to provide specific examples of demonstrated leadership, to discuss career plans, and to supply additional information that will assist the admission committee in selecting those individuals who can most benefit from and contribute to the graduate construction program. The applicant should submit a two-page essay.

Students may enroll in courses reserved exclusively for graduate students if they have regular admission to specific Southern Miss graduate programs and have taken the necessary prerequisites or if they have been admitted to the certificate program. In rare cases, students may be admitted conditionally. To remove conditional admission status, master's students must earn a 3.0 on the first nine (9) semester hours of coursework numbered 500 or above or on all courses taken while completing this nine (9) hour requirement.

Students transferring from other graduate schools must meet the admission requirements stated above. At the time of admission, transfer students may request that up to six (6) semester hours of approval credit be applied toward degree requirements. Once enrolled, transfer of credit for courses taken at other institutions must be approved in advance. See Transfer Course Policy in this *Bulletin*.

### **Academic Policies**

#### **Application of credits and dismissal**

Students who receive a grade of C in more than nine (9) hours of coursework will be dismissed from the program. Students may not apply hours toward a degree for courses in which there is a grade of D; students who receive grades of D in more than six (6) hours of coursework will be dismissed from the program. Students who receive grades of F in more than three (3) hours of coursework will be dismissed from the program. Students must have a 3.0 GPA to be in good standing.

Upon approval by the graduate committee, students may repeat one and only one course to improve

## Degree Requirements

### Master of Science in Engineering Technology

The master of science (M.S.) program is available to individuals who have a construction-related undergraduate degree and/or practicing experience in construction, as well as to individuals who do not have construction background. The required M.S. coursework is typically 32 hours. However, due to the diversity of individual background, individuals with extensive construction experience could qualify to test out of up to six (6) hours of coursework. Individuals with no construction background should demonstrate competency in fundamental construction concepts (pre-master competency) or take leveling courses as determined by the graduate committee. It is also possible to enter the certificate program with credits leading to an M.S. degree. (Please refer to the Certificate Program section for further details).

### M.S. Program Requirements

In addition to the degree requirements established by the Graduate School (minimum 30 hours with a minimum of 18 hours at the 600 level), students earning the Master of Science in Engineering Technology must satisfy the degree requirements listed below.

1. During the first semester of graduate study, students must select a graduate committee comprised of three members of whom two must be members of the graduate faculty of the School of Construction.
2. Students must develop a degree plan to be approved by a faculty adviser prior to the completion of more than nine (9) hours of graduate work. Contact graduate faculty in the School of Construction for suggested plan of study.
3. Students must complete the coursework including required foundation courses defined within the degree plan following guidelines established in the next section.
4. Students must complete a thesis. The thesis is intended to be a scholarly piece of research designed to expand the student's education in a specific track. This research must be conducted and defended before the student's graduate committee, and the final thesis report accepted by the Southern Miss Graduate Reader and the Southern Miss Graduate School. The thesis option requires a minimum of 30 hours total (18 hours must be at the 600 level or higher). Additional hours may be required based on the student's academic record and construction experience. Students are strongly encouraged to publish their work in engineering technology journals.
5. Students must perform satisfactorily on a comprehensive examination, which is required for graduation. This exam is normally administered during the final semester of graduate work.
6. Students must maintain a cumulative GPA of 3.0 based on all graduate courses completed.
7. Continuous enrollment.

## Certificate Requirements

### Requirements for a Certificate in Construction Management

The certificate in construction management is a professional curriculum that is open to both resident degree candidates and practitioners who need to update and formalize their knowledge pertaining to construction management and who comply with either traditional or nontraditional admission requirements of the university as specified elsewhere in the *Graduate Bulletin*. Students may complete the certificate program with or without being admitted to a specific degree program. Students must declare their intent to complete the certificate program in a letter to the School of Construction before completing six (6) credit hours of the courses required for the Certificate. Students may complete the certificate curriculum by taking the courses in any combination of either physical or virtual classrooms.

To earn the certificate, students are required to complete

- (1) a minimum of 18 coursework hours, and
- (2) a directed individual project for one credit hour, all with grades of B or better.

Upon review and approval by the graduate committee, credit earned during certificate achievement may be applied toward the M.S. degree.

## Department of Economic and Workforce Development

Ken Malone, Chair  
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Hattiesburg, MS 39406-0001  
(601) 266-6067  
fax: (601) 266-6071

*Annulis, Edwards, Gaudet, Malone, Miller*

The Department of Economic and Workforce Development offers graduate work leading to a Master of Science in Economic Development and a Master of Science in Workforce Training and Development.

### Master of Science in Economic Development

The goal of the Economic Development program is to assist students in acquiring professional competency in the concepts, skills, working tools, and creative approaches essential to those involved in the field of economic development, whether at the community, state, regional, national, or international level.

#### Admission Requirements:

1. Have a 3.0 (4.0 scale) grade point average over the last two years of the student's undergraduate studies.
2. Submit GRE scores. The Graduate Management Admissions Test (GMAT) may be submitted in place of the GRE. Students whose native language is not English must achieve a TOEFL score of 560 or more.
3. Provide three letters of recommendation from persons qualified to assess the applicant's readiness for graduate study. The letters should be sent to the department.
4. In exceptional cases, students may be admitted conditionally. Such students must earn a 3.0 on the first nine (9) semester hours of coursework numbered 500 or above or on all coursework taken while completing this nine (9) hour requirement in order to qualify for regular admission.
5. Students may be required to take some prerequisite courses in geography or business.
6. Submit statement of purpose and goals, portfolio and resume.

#### Curriculum Requirements:

1. Successful completion of a minimum of thirty (30) hours in graduate-level courses (18 hours 600 level or higher) as follows:
  - a. Minimum of twenty (20) hours with the prefix ED.
  - b. Demonstrated proficiency (through coursework and/or the comprehensive exam) in economic development research, finance, and marketing, equivalent to ED 722, 724, 761, 764, 765.
  - c. At least four (4) hours of apprenticeship (ED 791).
2. Successful completion of a comprehensive written or oral examination.
3. Completion of one of two curriculum options as follows:
  - a. Thesis option
    - 1) ED 698 (3 hours)
    - 2) Acceptance of valid thesis topic
    - 3) Formation of thesis committee prior to last semester of study
  - b. Non-Thesis option
    - 1) ED 789 (3 hours)
4. A 3.0 GPA is required for graduation.

**Continuous Enrollment Requirement:** Students must meet the requirement specified in the front section of this *Bulletin*.

### Master of Science in Workforce Training and Development

The Master of Science in Workforce Training and Development emphasizes both the research and theory framework as well as the practical application of workplace learning and performance. The goal of the Workforce Training and Development master's program is to prepare students to improve human performance, balance individual and organizational needs, build knowledge capital within the organization, and determine the return on investment of training programs. Students learn to think strategically to design and develop interventions that will positively impact workplace learning and performance. This program is designed to expand instructional opportunities beyond

traditional boundaries of on-campus class delivery. The Workforce Training and Development Executive Format program utilizes a distance-learning platform to maximize interaction and learning not only during in-person, weekend-class sessions, but also between sessions via online communication among students and professors.

**Admission Requirements:**

1. An applicant must hold a baccalaureate degree from an institution approved by a recognized accrediting agency.
2. An applicant must be eligible to re-enter in good standing the last college of university attended.
3. An applicant must provide evidence, by official transcript, of a grade point average of at least 2.75 (figured on "A" equals 4.0) for the last two years of undergraduate study, and a grade point average of at least 3.0 on undergraduate courses in the field of proposed graduate study.
4. An applicant must have at least 3 letters of recommendation from persons qualified to assess the applicant's readiness for graduate study and should be sent to the department.
5. An applicant must submit test scores from the Graduate Record Examination (GRE) or the Graduate Management Admissions Test (GMAT). The GRE is the preferred test. However, the GMAT will be allowed under some circumstances.
6. An applicant whose native language is not English must achieve a TOEFL score of 575 or more.

**Program Requirements**

1. In addition to the degree requirements established by the Graduate School (30 hours with 9
- 3.





2. Applicants must also submit a GRE score to the Office of Graduate Admissions. Students whose native language is not English must achieve a TOEFL score of 560 or higher.
3. Students with a non-geography degree may be required to take courses to cover their deficiencies. In exceptional cases, students may be admitted conditionally. Such students must earn a 3.0 on the first nine (9) semester hours of coursework numbered 500 or above or on all coursework taken while completing this nine (9) hour requirement in order to qualify for regular admission.
4. Applicants must also send three letters of recommendation to the Department of Geography, care of the graduate coordinator.
5. Applicants must also send a personal statement as to why they want to enter the program. This statement should be limited to 750 words and should also be sent to the graduate coordinator in the Department of Geography.

### Curriculum Requirements

1. a minimum of thirty-six (36) semester hours in graduate-level geography courses with at least eighteen (18) hours of work in courses at the 600-level. With the approval of the major professor, the student has an option of taking (outside the department) up to twelve (12) semester hours of cognate courses within the minimum hourly requirements. Courses prefixed with GHY or ED may be used in any combination to satisfy the minimum required hours.
2. GHY 610 and 680. These courses are required of all students.
3. demonstrated proficiency in cartography and statistical/quantitative methods. Proficiency is generally required for all students.





The best preparation for students interested in pursuing a graduate degree in marine science or hydrographic science would be to develop a strong working knowledge in calculus, applied mathematics, statistics, the basic sciences (biology, chemistry, geology, physics) and engineering.

Experience with computers is highly recommended. We realize that not all students will have gained the ideal background for pursuing a M.S. or Ph.D. in marine science or hydrographic science. Deficiencies will normally be made up during the student's first year.

## Master of Science Programs

### Admission Requirements

In addition to the general admission and academic requirements for all graduate programs as set forth in this *Bulletin*, regular admission to the master's program in marine science or in hydrographic science requires successful completion of the Graduate Record Examination and a high grade point average for the last two years of undergraduate study. Successful applicants have highly competitive scores and have grade point averages of 3.0 or above. Also required are three letters of recommendation from persons qualified to assess the applicant's readiness for graduate study which should be sent to the department. A letter of intent should also be sent to the department chair expressing personal academic, research, and career goals. This letter is used in two ways in the admission process. It provides a sample of the applicant's writing competency and communication skills, and provides information concerning the compatibility of the applicant's interests with departmental research interests. A minimum score of 560 is required on the Test of English as a Foreign Language (TOEFL) for applicants whose native language is not English. Applicants who are not eligible for regular admission may be considered for conditional admission. Conditionally admitted students must maintain a 3.0 GPA for the first nine (9) hours of coursework numbered 500 and above or on all coursework taken while completing this nine (9) hour requirement. If this requirement is not met, the student is not allowed to remain in the program. Upon recommendation by the department chair and approval by the dean, the conditionally admitted student may have his or her admission status changed to "regular admission." For students wishing to be considered for graduate assistantships for the academic year beginning in the fall semester, application materials should be received no later than March 1.

### Program Requirements for Master of Science in Marine Science

A total of 34 hours of graduate level courses (18 hours of 600 level or higher) with a minimum GPA of 3.0 must be completed in order to fulfill the master of science degree requirements. All entering graduate students must complete the four core courses, generally by the end of their first year in residence. Students advance to candidacy for the M.S. degree by completing all the core courses

MAR 698	Thesis.....	6
	Approved Electives (600 level or above).....	10

**Continuous Enrollment Requirement:** Students must meet the requirement specified in the front section of this *Bulletin*.

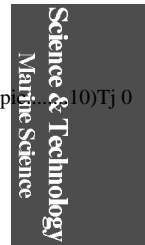
**Program Requirements for Master of Science in Hydrographic Science**

The M.S. degree in hydrographic science is a nonthesis degree program. A total of 36 semester hours of graduate level courses (18 hours of 600 level or higher) with a minimum GPA of 3.0 must be completed to fulfill the Master of Science in Hydrographic Science degree requirements. Students must also take a comprehensive examination. A graduate student can accumulate no more than two Cs. A 3.0 GPA is required to graduate.

Students admitted to the M.S. in hydrographic science degree program are required to complete a set of core courses. There are a total of 27 semester hours of required core coursework. Each degree-seeking student must take at least one course in each of the following categories:

degree-seeking student must take at least one course in each of the following categories: (see page 27) Open ex

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## Department of Mathematics

Wallace Pye, Chair  
118 College Drive #5045  
Hattiesburg, MS 39406-0001  
(601) 266-4289

*Adan-Bante, Betounes, Contreras, Cwikla, Ding, Harris, Henry, Hornor, Kolibal, Lee, Piazza, Pye, Ross*

The Department of Mathematics offers the master of science in mathematics with emphasis in computational science. It also offers the doctor of philosophy in computational science with an emphasis in computational mathematics and, through the Center for Science and Mathematics Education, the doctor of philosophy in science education with an emphasis in mathematics.

### Admission Requirements

Applicants wishing to enter either the master of science in mathematics degree program or the doctor of philosophy in computational science with an emphasis in mathematics degree program must satisfy the requirements of the Office of Graduate Studies. Among those factors considered in the admission decision are the GPA, submission of test scores on the GRE, and three letters of recommendation from persons qualified to assess the candidate's readiness for graduate study. Letters should be sent to the department. Students whose native language is not English must achieve a score of 580 or above on the TOEFL exam.

### Master of Science in Mathematics

#### Program Requirements

A minimum of 36 graduate hours is required for this degree (18 hours at the 600 level or higher). Students must complete the 27-hour core (MAT 526, 541, 542, 560, 605, 606, 610, 636, 641) and the Mathematics Seminar course (MAT 689). Students pursuing the thesis option must take six hours of MAT 698 and those students pursuing the nonthesis option must take six hours of electives selected from among MAT 518, 519, 520, 521, 523, 524, 537, 539, 572, 575, 601, 603, 629, 642, 681, 682, 683, 685. All students must pass a comprehensive examination covering the core courses. Thesis option students must successfully defend their thesis. Nonthesis option students must take an additional comprehensive examination covering their elective courses. Students must meet the general requirements set forth by the Office of Graduate Studies. A 3.0 GPA is required to graduate. The following are additional requirements:

1. Arrange for a graduate advisor during the second semester;
2. Gain approval of a written thesis prospectus from the master's advisory committee by the end of the second semester;
3. Pass a comprehensive examination and successfully defend the thesis by the end of the fourth semester.
4. Continuous enrollment

### Doctor of Philosophy Degree

#### Program Requirements

Students must complete the nine-hour core: MAT 771 (Functional Analysis for Computational Science), MAT 772 (Numerical Analysis for Computational Science), and MAT 773 (Signal Analysis for Computational Science). They must also complete the techniques courses (COS 701, 702, 703) and include four hours of Seminar (COS 740).

All students must successfully pass a comprehensive examination covering the core courses. Students must meet the general requirements set forth by the Office of Graduate Studies. A 3.0 GPA is required to graduate. The following are additional requirements:

1. Arrange for a graduate advisor by the end of the second semester;
2. Gain approval of a written prospectus from the doctoral advisory committee by the end of the fourth semester;
3. Pass the comprehensive examination by the end of the sixth semester;
4. Successfully defend the dissertation by the end of the sixth year;
5. Fulfill the research tool requirement as specified by the doctoral advisory committee and approved by the department chair.
6. Continuous enrollment





1. completion of a minimum of thirty (30) hours of graduate work with a 3.0 GPA (18 hours must be at the 600 level or higher). A 3.0 GPA is required to graduate.
2. completion of the physics core for the polymer option:  
PHY 601, 602, 603, 650, 689 (I, II, III).....15 hours
3. polymer science coursework (at least 9 hours from the following):  
PSC 710, 711, 712, 730, 811, 812.....9+hours
4. satisfactory completion of a comprehensive examination
5. development and completion of an original research project, thesis, and oral defense  
PHY 698: Thesis (in the area of polymer physics) .....6 hours
6. Continuous enrollment

## Master of Science in Physics with an Emphasis in Computational Science

### Program Requirements

Proficiency in C, C++, or Fortran programming is required for students participating in this emphasis area. Students lacking this background should complete a programming course early in their graduate program.

1. completion of at least thirty-one (31) semester hours with a 3.0 GPA (18 hours must be at the 600 level or higher). A 3.0 GPA is required to graduate.
2. completion of physics core courses: PHY 601, 602, 602, 650.....12 hours
3. PHY 689 (I, II, III, IV): Physics Seminar.....4 hours
4. satisfactory completion of a master's level comprehensive examination covering physics core areas (at the level of PHY 601, 602, 603, 650).
5. satisfactory completion of computational techniques courses: COS 701, 702, and 703.....9 hours
6. completion of an original computational research project, thesis, and oral defense  
PHY 698: Thesis.....6 hours
7. Continuous enrollment

## Doctor of Philosophy Program in Computational Science with an Emphasis in Physics

### Program Requirements





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**Program Requirements**



teaching certification at this advanced level. The Master of Science Education degree is offered with an emphasis in biology, chemistry, coastal science, marine science, mathematics, earth and environmental sciences, or physics. The program outcomes expressed in terms of student learning include demonstration of (a) graduate-level mastery of knowledge in the student's selected emphasis area; (b) the ability to integrate content knowledge into curricular, instructional, and assessment strategies for students at different educational levels; and (c) the ability to formulate, implement, and sustain changes in reforming science education to meet national standards at a school level.

### **Admission Requirements**

In addition to the general admission and academic requirements for all graduate programs as set forth in this *Bulletin*, regular admission to the master's program in science education requires a bachelor's degree in any area of science (or combination of science and professional education) and

### **Admission Requirements**

In addition to the general admission and academic requirements for all graduate programs as set forth in this *Bulletin*, regular admission to the doctoral program in science education requires a master's degree, a Class-AA teaching certificate in one of the emphasis areas if an advance in certification to Class-AAAA is desired, three years of teaching experience at the secondary or college level, and a minimum GPA of 3.5 for all previous graduate work. Applicants are required to present for consideration verbal and quantitative scores on the Graduate Record Examination, three letters of recommendation, and a letter of intent expressing academic, professional, and research goals to the center director. Letters of recommendation should be from persons qualified to assess the applicant's readiness for graduate study and should be sent to the center.

Initial admission to the program will be conditional for all students. Students are expected to possess proficiency at the undergraduate level in the chosen emphasis for advanced study. Students not proficient may be required to take additional undergraduate courses. Regular status will be granted with the completion of 12 semester hours of Southern Miss graduate courses numbered 600 level or higher with a 3.25 GPA, a positive recommendation from the center director, the removal of any deficiencies, and acceptable performance on the qualifying examination.

### **Program Requirements**

The doctoral degree in science education requires a minimum of fifty-seven (57) semester hours of graduate work beyond the master's degree, excluding the hours for the dissertation and foreign language requirements, as specified below.

- (a) Twenty-four (24) semester hours in a content area with a minimum of 15 hours in an emphasis discipline
- (b) Twenty-four (24) semester hours in science education including three (3) semester hours of seminar, SME 691, SME 701, SME 703, SME 700 or SME 720, and SME 725 for students in the mathematics emphasis with a maximum of nine (9) semester hours of SME 791 and a maximum of three (3) semester hours of SME 792
- (c) Nine (9) semester hours of electives to be chosen from science education, emphasis discipline, or related discipline and with a minimum of three (3) hours in professional education.
- (d) Comprehensive exam
- (e) Dissertation and oral defense of dissertation

### **Research Tool(s)**

Additional requirements include demonstrated proficiency in two research tools, including educational statistics and one other tool to be identified by the doctoral committee, and independent

# THE UNIVERSITY OF SOUTHERN MISSISSIPPI GULF COAST

## DEGREE PROGRAMS

The University of Southern Mississippi Gulf Coast provides a flexible delivery system designed to meet the educational needs of Coast citizens. Consequently, new courses and programs are added as student demand warrants and resources permit. A sufficient number of courses are available so that The University of Southern Mississippi Gulf Coast students may earn their entire degree(s) with majors and emphases in the degrees that follow. Because certain courses are not offered every semester, students are encouraged to be in regular contact with the appropriate student services coordinator.

### MASTER'S DEGREES

#### College of Arts and Letters

English  
History  
International Studies  
Political Science  
Public Relations

#### College of Business

Master of Business Administration

#### College of Education and Psychology

Educational Administration  
Elementary Education  
Library and Information Science

#### College of Education and Psychology (continued)

Secondary Education  
Technical and Occupational Education

#### College of Health

Nursing  
Public Health  
Social Work (MSW)

#### College of Science and Technology

Administration of Justice  
Coastal Sciences  
Computer Science  
Economic Development  
Engineering Technology  
Hydrographic Science  
Marine Science  
Workforce Training & Development

### SPECIALIST'S DEGREES

#### College of Education and Psychology

Educational Administration

Elementary Education

Secondary Education

### DOCTORAL DEGREES

#### College of Arts and Letters

International Development

#### College of Education and Psychology

Educational Administration and Higher Education  
Administration\*

#### College of Science and Technology

Coastal Sciences  
Marine Science

\* in cooperation with the Hattiesburg campus

## FOR SERVICE, PLEASE CALL ...

(Mississippi Gulf Coast area code 228)

Admissions .....	(TTY/Voice) 865-4503.....	Gulf Park
	374-8348 .....	Keesler
	497-3636.....	Jackson County
American Studies .....	867-2608.....	Gulf Park
Biological Sciences .....	865-4511.....	Gulf Park
Bookstore Services.....	865-4504.....	Gulf Park
	497-3636.....	Jackson County
Business.....	865-4505.....	Gulf Park
Business Office .....	865-4520.....	Gulf Park
Center of Higher Learning .....	688-2141 .....	Stennis Space Center
Coastal Sciences.....	872-4247.....	GCRL
Community Health.....	865-4517.....	Gulf Park
Computer Science .....	865-4511.....	Gulf Park
Criminal Justice.....	865-4511.....	Gulf Park
Culinary Arts Academy.....	214-3226.....	Gulf Park
Development Office .....	865-4522.....	Gulf Park
Disability Accommodations .....	(TTY/Voice) 214-3232.....	Gulf Park
Education and Psychology.....	865-4512.....	Gulf Park
Engineering Technology .....	867-2600.....	Jackson County
English.....	867-2608.....	Gulf Park
Enrollment and Marketing .....	867-8777.....	Gulf Park
FAX / Administration.....	865-4587.....	Gulf Park
FAX / Southern Miss Gulf Coast Library.....	865-4544.....	Gulf Park
Financial Aid .....	(TTY/Voice) 865-4513.....	Gulf Park

## THE UNIVERSITY OF SOUTHERN MISSISSIPPI

### VISION

The University of Southern Mississippi will be a leading university in engaging and empowering individuals to transform lives and communities.

### MISSION

The University of Southern Mississippi is a comprehensive research extensive university. Our primary mission is to cultivate intellectual development and creativity through the generation, dissemination, application, and preservation of knowledge.

Our mission is supported by the values that have been formed through the history and traditions of our institution. These values are widely and deeply held beliefs of our faculty, staff, students, and administrators:

- › Education provides opportunities to improve the quality of intellectual, social, economic, and personal well-being. These opportunities should be available to all who are willing and able to meet our standards of excellence.”
- › Our success is reflected by the degree to which our students become well-read, articulate, and creative and critical thinkers. It is measured by their display of specialized knowledge and abilities suitable to the pursuit of a career and life in our complex, ever-changing world.”
- › We cherish innovation in the creation and application of basic and applied research findings, creative and artistic expression, meaningful learning experiences, the scope of services provided to our students and the broader community that we sustain, and the continuing evolution of degree programs that both respond to and anticipate the evolving demands of our society, employers, and the labor market.”
- › Education encourages and advances the ideals of a pluralistic democratic society: civic responsibility, integrity, diversity, and ethical behavior.
- › Academic freedom and shared governance are long-established and living principles at the university. We cherish the free exchange of ideas, diversity of thought, joint decision making, and individuals' assumption of responsibility.
- › We make efficient and effective use of our resources, for we are accountable to our university communities, the Board of Trustees, and taxpayers.

### COMMITMENTS

#### **Educating Our Students**

The University of Southern Mississippi will maintain its leadership in pedagogy and instruction. The General Education Curriculum, First Year Experience, and Honors College programs, as well as innovative programs in international education and service learning, underscore the institution's commitment to education.



**Educating the Whole Student**

Recognizing that students learn outside the classroom as well as within, The University of Southern Mississippi will fulfill its commitment to developing the potential of its students. The university engages its students through abundant opportunities for community service, leadership, student activities, support services, access to state-of-the-art facilities, and programs. A caring, student-centered faculty and staff foster students' personal growth and development. Acknowledging the mutual benefit of maintaining close ties with graduates, the university is also committed to creating opportunities for alumni involvement in university activities.

**Leading in Academic Excellence**

The University of Southern Mississippi is committed to quality in all academic areas. The university will maintain its leadership position in selected programs in science, technology, arts, humanities, health, education, psychology, and business and will continue to be innovative in the development of programs.

**Conducting Innovative Research**

As a comprehensive research institution, The University of Southern Mississippi will pursue groundbreaking scholarship, creative activity, and research in science, technology, arts, humanities, education, health, psychology, and business. Distinguished faculty and staff will utilize research and scholarship opportunities to fortify the education of undergraduate and graduate students and implement service initiatives in the university, in the community, and in their academic disciplines as they push the boundaries of knowledge and discovery.

**Creating Healthier Communities**

The University of Southern Mississippi will contribute to the health and well-being of individuals, families, organizations, and communities through continued innovation in applied research, community partnerships, and experiential learning.

**Leading in Economic Development**

The University of Southern Mississippi will continue its initiatives in economic development and entrepreneurship. These initiatives include education and providing intellectual capital to augment economic opportunities.

**Enriching the Cultural Environment**

The University of Southern Mississippi will provide opportunities for the community to experience a variety of cultural activities. Regular events, performances, exhibits, and presentations provide the campuses and surrounding regions with exposure to talented students, faculty, and renowned athletes, artists, and scholars. The university continues to serve as a primary provider of athletic, artistic, and cultural events and education.

**Creating Global Communities**

The University of Southern Mississippi will continue to provide students with opportunities to live and learn abroad in preparation for leadership roles in an interdependent global society.

## ACADEMIC PROGRAMS

The University of Southern Mississippi Gulf Coast provides a flexible educational delivery system designed to respond to the needs of the constituency served. A sufficient number of courses are offered so that students may earn bachelor's, master's, specialist's and doctoral degrees in a variety of specialty areas. As the scope of the Gulf Coast program broadens in response to students' needs, additional areas of specialization will become available.



In 1998, The University of Southern Mississippi was classified as a dual-campus system. In 1999, the State of Mississippi Institutions of Higher Learning approved The University of Southern Mississippi Gulf



marine resources. GCRL's facilities and fleet of vessels support the faculty of the Department of Coastal Sciences as well as the Center for Fisheries Research and Development, the Gulf Coast Geospatial Center and national research and development programs in areas such as fisheries, geospatial technologies, marine aquaculture, environmental assessment and marine toxicology. Educational opportunities sited at the GCRL include master's and doctoral programs focused principally on marine biology and a summer marine field program that draws graduate and undergraduate students from throughout the United States. More than 200 faculty, technical and support staff, and graduate students conduct GCRL research, education and outreach.

### **J.L. SCOTT MARINE EDUCATION CENTER & AQUARIUM**

The J. L. Scott Marine Education Center & Aquarium in Biloxi is a small teaching aquarium that immerses both the casual visitor and special program participant in exciting educational experiences. More than 80,000 children and adults visit the Scott Aquarium each year. Of that number, 30,000 are teachers and students who register for special programs that range from a half-day field trip to teacher summer institutes of a week or more. The aquarium's largest tank is 42,000 gallons and features the larger Gulf of Mexico species. It is surrounded by alcoves containing smaller tanks that focus on Mississippi waters from

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drivers license must be shown before a Keesler permit can be issued. Permits may be obtained from The University of Southern Mississippi Keesler Teaching Site. Southern Miss Gulf Coast parking decals can be obtained at the Gulf Park Security Office, and each day of student registration.

### **BOOKSTORE TEXTBOOK SERVICE**

All textbooks must be purchased. Students with a Southern Miss identification card may charge textbooks to their University account provided that minimum payment has been made to the business office.

Textbooks will be available for Gulf Park and Keesler classes in the Gulf Park Bookstore. Textbooks for



## **INTERACTIVE VIDEO NETWORK**

In 1994, Southern Miss Hattiesburg and Southern Miss Gulf Coast initiated the use of two-way interactive video for class presentations, distance learning opportunities, and meetings among distant partners. The Interactive Video Network (IVN) system enables faculty and students to see, speak, hear, as well as share documents and other information simultaneously between two or more connected sites. All sites have interaction with the originating site (instructor's site) and all remote sites. Technical and instructional support is provided to faculty and students at all locations using the delivery system. Through IVN, credit programming taught from Southern Miss Hattiesburg, Southern Miss Stennis Space Center, Southern Miss Gulf Park, the Gulf Coast Research Lab, or the Jackson County teaching site might be attended at any of the other locations, when scheduled. IVN technology is also used for educational and business purposes beyond Southern Miss by connecting classrooms and conference rooms worldwide to our own network. With the use of IVN, Southern Miss Gulf Coast extends its impact and assists in meeting the broader Coastal community's instructional needs.

## **ECONOMIC DEVELOPMENT RESOURCE CENTER**



- ' Specially adapted toys (activated by switches) for children who cannot play with ordinary toys
- ' Environmental control devices (designed to activate everyday household appliances)
- ' Specially designed computer access devices (for persons who cannot use an ordinary keyboard or mouse)
- ' Augmentative communication devices (for people who are unable to speak)
- ' Positioning equipment (to aid in sitting or standing)
- ' Wheelchair tennis equipment
- ' Wheelchair basketball equipment
- ' Adapted arts and crafts equipment
- ' Adapted fishing gear
- ' Beach wheelchairs
- ' Adapted golf equipment
- ' Hand cycles
- ' Kayaks
- ' Table tennis equipment

Recreation programs directed by TLC are designed to facilitate sports and recreation for people with disabilities. Wheelchair tennis, wheelchair basketball and table tennis lessons are available at no cost to anyone with a disability. Individual training sessions are provided for any type of equipment that is borrowed. An adapted playground designed and built by TLC is open to the public.

TLC provides a hands-on technology lab where teachers and Southern Miss teacher education students have the opportunity to “try out” various technology and software which support educational goals for children with disabilities. A lab where future teachers can see, touch, and experiment with various technology provides an opportunity to obtain the knowledge necessary to effectively use assistive technology in schools.

TLC is located on the Southern Miss Gulf Coast campus in Long Beach, Mississippi. Individuals interested in TLC's services may call (228) 867-2636 Monday through Friday 8:30-4:30.

## **JACK AND**



## Accounting (ACC)

511. **Accounting for Decision-Making.** 3 hrs. Prerequisite: Computer literacy. A conceptual study of financial and managerial accounting principles designed to enable decision makers to properly use accounting information in making decisions. See also MBA 511.
512. **Seminar on Contemporary Accounting Topics.** 1.5 hrs. Selected readings and discussions of current accounting topics.
560. **Managerial Accounting.** 3 hrs. Prerequisite: ACC 511 or the equivalent. An analysis of the use of accounting information in managerial decision making.
598. **International Accounting Seminar Abroad.** 3 hrs. Prerequisite: Permission of program director. Conducted in London, England; a series of lectures and discussions involving authorities on international accounting issues and practices.
605. **Current Accounting Theory & Research.** 3 hrs. Prerequisites: 15 hours of accounting above accounting principles. A study of financial accounting literature and the use of databases to solve contemporary accounting problems.
610. **Advanced Auditing.** 3 hrs. Prerequisites: 15 hours of accounting above accounting principles including ACC 409. A study of the professional practice of auditing and the role of theory, methodology, and technology.
620. **Advanced Cost/Managerial Accounting.** 3 hrs. Prerequisite: ACC 320. A study of the theory associated with, and systems and procedures designed to develop and integrate accounting data for management.
630. **Tax Seminar I.** 3 hrs. Prerequisite: ACC 330 or equivalent. Tax planning with emphasis on corporations, partnerships, tax option corporations, and tax administration and practice.
631. **Tax Seminar II.** 3 hrs. Prerequisite: ACC 330 or equivalent. Tax planning and research with emphasis on exempt entities, trusts and estates, transfer taxes, and the ethical responsibility of tax practice.
660. **Controllership.** 3 hrs. The interrelationship of the controller and modern information systems.
692. **Special Problems in Accounting.** 1-6 hrs. Individual study of specific topics in accounting.
699. **International Accounting Research Abroad.** 3 hrs. Prerequisite: Consent of program director. A research course in international accounting offered for students enrolled in ACC 598.

## Administration of Justice (AJ)

500. **Graduate Practicum in Criminal Justice.** 3-9 hrs. Prerequisite: Consent of chair. Blends theory and practice in a public or private criminal justice career field; it will not count toward course requirements for the degree.
520. **Methods of Criminal Justice Research and Planning.** 3 hrs. An in-depth study of criminal justice planning, evaluation, and research.
526. **Comparative Criminal Justice Systems.** 3 hrs. A study of foreign criminal justice systems, with emphasis on how they suggest possible reforms for the American system.
530. **Criminal Procedure.** 3 hrs. A survey of procedural criminal law. Due process, statute of limitation, venue, and double jeopardy are covered.
531. **Environmental Law.** 3 hrs. A study of environmental law emphasizing regulation, enforcement, and detection of unlawful practices damaging to the environment.
533. **Evidence, Search, and Seizure.** 3 hrs. An examination of laws of evidence and the procedures for obtaining it, with special emphasis on application in criminal court.
535. **Organization and Management of Criminal Justice.** 3 hrs. Principles and theories of management of criminal justice.
540. **Police in the United States.** 3 hrs. A study of the policies and human issues affecting law enforcement agencies in the United States.
542. **Advanced Criminal Investigation.** 3 hrs. Specialized areas of investigation such as cybercrimes, interview and interrogation, statement analysis, serial crimes, and terrorism.
550. **Administration of Criminal Corrections.** 3 hrs. An in-depth study of administration of correctional systems, including management, the incarceration process, probation, and parole.
560. **Juvenile Justice Systems.** 3 hrs. A study of police in delinquency prevention, investigation of juvenile crime, disposition of offenders, and juvenile courts.
561. **Juvenile Corrections.** 3 hrs. Course provides the student interested in juvenile corrections with an in-depth perspective of the numerous treatment modalities currently in use.
563. **Family Law.** 3 hrs. An in-depth study of common law and statutory law relating to the family, emphasizing legal remedies to violence and its effects on the criminal justice system.
564. **Family Violence, Investigation, and Deterrence.** 3 hrs. A study of child and spousal abuse within the family, emphasizing detection, investigation, and deterrence.
570. **Political Economy of Criminal Justice.** 3 hrs. A study of the politics and economics of crime and justice.



797. **Independent Study and Research.** 3-12 hrs. arranged. Not to be counted as credit toward a degree. Students actively working on a dissertation, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of dissertation but who are actively working on a dissertation, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
898. **Dissertation.** 1-12 hrs. Prerequisites: AJ 700, 710, 720 and completion of all doctoral cognates.

## Adult Education (ADE)

540. **Methods and Materials in Adult Education.** 3 hrs. A course in method and format of instructional materials for adults with emphasis on self-instructional techniques.
541. **Foundations of Adult Literacy Instruction.** 3 hrs. This course involves an examination of the basis of reading instruction for the nonliterate adult.
542. **Methods and Materials for Adult Literacy Education.** 3 hrs. Instructional and diagnostic materials and methods for dealing with functionally illiterate adults.
545. **Teaching the Disadvantaged Adult.** 3 hrs. A study of the educational problems of culturally deprived and handicapped adults in terms of programs and procedures found to be successful.
576. **Learning in Adult Education.** 3 hrs. A study of learning in adulthood related to a range of educational programs.
578. **Specialized Studies in Developmental Disabilities.** 1-6 hrs. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.
580. **Applied Educational Gerontology.** 3 hrs. This course prepares individuals to design and implement educational programs for older adults.
590. **Special Problems in Adult Education.** 1-3 hrs. Special areas of interest arranged for an individual or a group with common interests.
597. **Professional Collaboration for Developmental Disability Services.** 3 hrs. Study of the interdependent contributions of relevant disciplines in training, service, and research.
601. **Foundations of Adult Education.** 3 hrs. A survey of the history, philosophies, form, structure, and current developments in the field of adult education.
602. **Organization and Administration of Adult Education.** 3 hrs. A survey of organizational and management theory as applied to adult education agencies. The case study approach is used.
603. **Human Resource Development as a Special Form of Adult Education.** 3 hrs. The course compares and contrasts human resource development in organizations to other more traditional forms of adult education.
607. **Program Planning and Curriculum Development in Adult Education.** 3 hrs. The design of programs and courses of study related to a wide variety of adult education agencies.
650. **Issues in Adult Education.** 3 hrs. Examination of contemporary issues related to the education and learning of adults in a seminar format.
688. **Medical Aspects of Developmental Disabilities.** 3 hrs. Medical conditions, diagnostic tests, and other health care issues relevant to individuals with developmental disabilities.
692. **Special Problems I, II, III.** 1-3 hrs. A study to develop knowledge and facility in a field of special interest to the student. Requires preparation of a scholarly paper under supervision of a graduate professor.
701. **Delivery Systems for Adult Education.** 3 hrs. Prerequisites: ADE 601 and ADE 607. Introduction and orientation to a variety of organizations and agencies responsible for conducting adult education programs.
737. **Internship in Adult Education.** 3 hrs. A direct work experience in an adult education setting unrelated to student's employment.
741. **Assessment in Adult Education.** 3 hrs. Prerequisite: ADE 576, REF 601, or permission of instructor. Explore, develop, and evaluate various assessment methods and strategies used in adult education.
750. **Education and the Older Adult.** 3 hrs. A study of the elderly adult and the implications of those characteristics for adult education programs.
760. **Readings in Adult Education.** 3 hrs. Students select readings in the adult education literature for discussion in a seminar format.
791. **Research in Adult Education.** 1-16 hrs. Prerequisite: Approval of the major professor.
792. **Special Problems.** 3 hrs.
794. **Field Problems in Adult Education I, II, III.** 1-3 hrs. arr. A project dealing with a specific problem in an adult education agency. Registration must be approved by student's major professor and departmental chair.

797. **Independent Study and Research.** 3 hrs. arranged. Not to be counted as credit toward a degree. Students actively working on a dissertation, consulting with the major professor, or using other resources of the university may enroll in

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549. **Topics in Physical Anthropology.** 3 hrs. Variable content. May be repeated three times in separate topical offerings.
551. **Language Planning, Culture, and Politics.** 3 hrs. Study of language planning, cultural identity, and politics around the world.
552. **Language, Gender, and Culture.** 3 hrs. Cross-cultural study of the social basis of gender differences in language.
559. **Topics in Linguistic Anthropology.** 3 hrs. Variable content. May be repeated three times in separate topical offerings.
593. **Irish Studies.** 4 hrs. Variable content. Lecture series and study in Ireland under the auspices of the Center for International and Continuing Education.
594. **Topics in Caribbean Anthropology.** 4 hrs. Variable content; lecture series, study, and fieldwork (archaeological and ethnographic) in the Caribbean under the auspices of the Center for International and Continuing Education.
599. **British Studies.** 3-6 hrs. Variable content. Lecture series and research offered abroad under the auspices of the Center for International and Continuing Education.
601. **Teaching Anthropology.** 1-3 hrs. An in-depth examination of the resources and techniques of introducing undergraduates to the discipline of anthropology. May be repeated three times.
602. **Researching Anthropology.** 3 hrs. This course covers research and writing for professional anthropologists. Formulating hypotheses, collecting and analyzing data, and reporting are stressed. May be repeated for up to six (6) credit hours.
605. **Presenting Heritage I.** 3 hrs. This course is the first of a two-part seminar (with 606) on public history, folklore, and anthropology. It emphasizes theory and method in public presentation to prepare students for public sector employment.
606. **Presenting Heritage II.** 3 hrs. This course is the second of a two-part seminar (with 605) on public history, folklore, and anthropology, emphasizing the development and management of public humanities programming.
607. **Applied Anthropology.** 3 hrs. The application of anthropology to the solution of contemporary social and cultural problems.
621. **Seminar in Ethnology.** 3 hrs. A comprehensive examination of method and theory in contemporary sociocultural anthropology, focusing particularly on the problems of ethnographic production and comparative analysis.
631. **Seminar in Archaeology.** 3 hrs. An in-depth examination of the method and theory of archaeological anthropology.
641. **Seminar in Physical Anthropology.** 3 hrs. A comprehensive examination of the method and theory of physical anthropology.
651. **Seminar in Anthropological Linguistics.** 3 hrs. An in-depth examination of the method and theory of anthropological linguistics.
691. **Cooperative Internship.** 3-9 hrs. Prerequisites: Faculty approval. Supervised experience in specific professional settings arranged by the department with public agencies.
692. **Special Problems.** 1-3 hrs.
697. **Independent Study and Research.** Hours arranged. Not to be counted as credit toward a degree. Students actively working on a thesis, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of thesis but who are actively working on a thesis, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
698. **Thesis.** 1-6 hrs. for a total of 6 hrs.
792. **5nar in Archaeology**

605ar in Anthropologica724 A compreh05thod Digi





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
**Art (ART)**

500. **The Art of Italy.** 3 hrs. An examination of art in Italy. A travel/study course.
513. **Crafts II.** 3 hrs. The creation and design of jewelry.
514. **Crafts III.** 3 hrs. The creation of surface designs for fabrics.
531. **Ancient Art History.** 3 hrs. Art of the ancient world from the beginning of civilization to the fourth century.
532. **Medieval Art History.** 3 hrs. Art of Europe from the fourth through 14th centuries.
533. **Northern Renaissance Art History.** 3 hrs. Art of northern Europe during the 14th through 16th centuries.
534. **Italian Renaissance Art History.** 3 hrs. Art of Italy during the 14th through 16th centuries.
535. **Baroque and Rococo Art History.**

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680. **Workshop in Art.** 1-3 hrs. Art experiences with variable content. May be repeated.

701. **Drawing Studio.** 3 hrs. Form problems in drawing. Professional level of 1.  F1 0s66 TT3cDrawing Studio.



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513L. **Arachnida Biology Laboratory.** 1 hr.

514. **Ichthyology.** 2 hrs. Evolutionary relationships, morphology, physiology, and zoogeography of fishes, with emphasis on identification of local forms.

514L. **Ichthyology Laboratory.** 1 hr.

515. **Biology of Fishes.** 2 hrs. Prerequisite: Consent of instructor. Function morphology, ecology, and behavior of fishes.

515L. **Biology of Fishes Laboratory.** 2 hrs.

516. **Introduction to Fishery Science.** 2 hrs. A survey of the biology, management, and potential yield of fish populations.

516L. **Introduction to Fishery Science Laboratory.** 1 hr.

517. **Herpetology.** 3 hrs. Ecology, evolution, and natural history of amphibians and reptiles. Field trips when possible.

517L. **Herpetology Laboratory.** 1 hr. Corequisite: BSC 517

518. **Avian Biology.** 3 hrs. Prerequisite: BSC 361 recommended. Morphology, taxonomy, life history, distribution, evolution, and adaptations of birds.

518L. **Avian Biology Laboratory.** 1 hr.

519. **Mammalogy.** 2 hrs. Prerequisite: BSC 361 recommended. Morphology, taxonomy, life history, distribution, evolution, and adaptations of mammals.

519L. **Mammalogy Laboratory.** 1 hr.

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535. **Plant Ecology.** 3 hrs. Prerequisite: Advanced standing in botany. Relationship of plants to their environment.
- 535L. **Plant Ecology Laboratory.** 1 hr.
536. **Conservation Biology.** 3 hrs. Prerequisite: Advanced standing in botany and zoology, or permission of instructor. The biology of plant and animal populations in human-generated environments, with emphasis on their long-term management.
- 536L. **Conservation Biology Laboratory.** 1 hr. Corequisite for BSC 536. Lab consists of six day-long field trips held on Saturdays.
537. **Coastal Vegetation.** 2 hrs. A study of general and specific aspects of coastal vegetation, with emphasis on local examples. May be taken as COA 534 or MAR 521.
- 537L. **Coastal Vegetation Laboratory.** 1 hr. Corequisite for BSC 537. May be taken as COA 534L or MAR 521L.
538. **Salt Marsh Plant Ecology.** 2 hrs. The botanical aspects of local marshes: includes plant identification, composition, and structure. May be taken as COA 535 or MAR 522.
- 538L. **Salt Marsh Plant Ecology Laboratory.** 2 hrs. Corequisite for BSC 538. May be taken as MAR COA 535L or 522L.
539. **Marine Ecology.** 3 hrs. The relationship of marine organisms to their environment. May be taken as COA 546 or MAR 505.
- 539L. **Marine Ecology Laboratory.** 2 hrs. Corequisite for BSC 539. May be taken as COA 546L or MAR 505L.
540. **Ecology.** 3 hrs. Prerequisite: Consent of instructor. The study of the relationships of organisms to their environment and to each other.
- 540L. **Ecology Laboratory.** 1 hr.
541. **Population and Community Ecology.** 2 hrs. Collection, analysis, and interpretation of data on natural populations and communities.
- 541L. **Population and Community Ecology Laboratory.** 1 hr.
542. **Behavioral Ecology.** 3 hrs. The adaptive significance of behavior.
- 542L. **Behavioral Ecology Laboratory.** 1 hr. Corequisite for BSC 542.
543. **Freshwater Biology.** 3 hrs. Prerequisite: Consent of instructor. The study of the biota of ponds, lakes, rivers, and streams.
- 543L. **Freshwater Biology Laboratory.** 1 hr.
544. **Limnology.** 2 hrs. Prerequisites: BSC 540 and consent of instructor. The physical, chemical, and biological dynamics of inland waters.
- 544L. **Limnology Laboratory.** 1 hr.
545. **Introduction to Marine Biology.** 3 hrs. Prerequisites: BSC 110, 111, 201. Marine biological regimes and the influence of geological, physical, and chemical oceanographic factors.
- 545L. **Introduction to Marine Biology Laboratory.** 1 hr. Corequisite for BSC 545.
546. **Aquaculture.** 2 hrs. Prerequisites: 12 hours of biology and 8 hours of chemistry. Production of aquatic organisms in natural and artificial environments.
- 546L. **Aquaculture Laboratory.** 1 hr.
547. **Marine Aquaculture.** 3 hrs. Problems and procedures relating to the culture of commercially important crustaceans, fish, and mollusks. May be taken as COA 524 or MAR 507.
- 547L. **Marine Aquaculture Laboratory.** 3 hrs. Corequisite for BSC 547. May be taken as COA 524L or MAR 507L.
548. **Fauna and Faunistic Ecology and Tidal Marshes.** 2 hrs. Taxonomy, distribution, trophic relationships, reproductive strategies, and adaptation of tidal marsh animals. May be taken as COA 547 or MAR 506.
- 548L. **Fauna and Faunistic Ecology of Tidal Marshes Laboratory.** 3 hrs. Corequisite for BSC 548. May be taken as COA 547L or MAR 506L.
549. **Marine Fisheries Management.** 2 hrs. Prerequisite: statistics recommended. A statistical review of the world fisheries. May be taken as COA 516 or MAR 510.
- 549L. **Marine Fisheries Management Laboratory.** 2 hrs. Corequisite for BSC 549. May be taken as COA 516L or MAR 510L.
550. **Comparative Animal Physiology.** 3 hrs. Organismic function and the adaptations which characterize major animal groups.
551. **Mammalian Physiology.** 3 hrs. The functions of mammalian systems; interrelationships and regulation are emphasized.
552. **Environmental Physiology.** 3 hrs. Physiological adaptations enabling animals to meet environmental challenges.
553. **Invertebrate Physiology.** 3 hrs. A functional approach to the major invertebrate phyla.

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- 554L. **Physiology Laboratory.** 2 hrs. Experimental techniques in physiology. To be taken once only, as an optional laboratory with BSC 550, BSC 551, BSC 552, or BSC 553.
555. **Animal Behavior.** 3 hrs. Classical and current concepts of animal behavior including individual and social behavioral patterns.
- 555L. **Animal Behavior Laboratory.** 1 hr.
- 556L. **Laboratory Techniques in Behavioral Neuroscience.** 3 hrs. Prerequisite: Consent of instructor. Experimental techniques in neurophysiology, neuropharmacology, and behavioral research (cross-listed as PSY 527L).
557. **Neurobiology.** 3 hrs. Introduction to current understanding of the function of the brain, with emphasis on connections between molecular and behavioral studies of the nervous system.
558. **Marine Ichthyology.** 3 hrs. Prerequisite: 16 semester hours of biology, including comparative anatomy, or consent of



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730. **Plant-Animal Interactions.** 3 hrs. Prerequisites: BSC340 or equivalent. Overview of ecological and evolutionary relationships between plants and animals, including pollination biology, dispersal ecology, carnivory and plant-herbivore interactions.
740. **Topics in Marine Biology.** 2 hrs. Current topics in marine research.
741. **Fisheries Biology.** 2 hrs. Prerequisite: BSC 416 or 516, or consent of instructor. Statistics and management of exploited fish populations.
- 741L. **Fisheries Biology Laboratory.** 1 hr.
742. **Advanced Biological Oceanography.** 3 hrs. Prerequisite: BSC 441 or 541 or permission of instructor. The sea as a biological environment.
745. **Landscape Ecology.** 3 hrs. The ecology of spatially dynamic ecosystems. Fire, windstorms, land use, and the dilemmas they create for individual species.
- 745L. **Landscape Ecology Laboratory.** 1 hr. Corequisite of BSC 745. Spatial analysis in ecology.
746. **Current Topics in Population and Community Ecology.** 3 hrs. Prerequisite: Upper-level ecology course or permission of instructor. The formation, organization, and control of biological populations and communities.
751. **Seminar in Animal Behavior.** 3 hrs. Topics in the behavior and ecology of animals.
760. **Cell Ultrastructure.** 3 hrs. Prerequisite: Permission of instructor. Structure and function of cells and cell organelles at the subcellular level.
761. **Functional and Ecological Vertebrate Morphology.** 3 hrs. Prerequisites: BSC 110, BSC 111, BSC 201, PHY 111, BSC 361, and BSC 361L recommended, or permission of instructor. An integrative, functional analysis of vertebrate structure related to ecological contexts.
776. **Topics in Gene Regulation.** 4 hrs. An intensive review of the recent primary literature in molecular genetics and molecular biology, as defined by the topic chosen each semester.
780. **Principles of Immunochemistry.** 3 hrs. A study of the chemistry of antigens, antibodies and complement, and the mechanism of their interaction.
- 780L. **Principles of Immunochemistry Laboratory.** 1 hr.
781. **Immunohematology.** 3 hrs. A study of serological genetic, and anthropological aspects of human blood groups, isoantigens and antibodies.
782. **Advanced Microbial Physiology.** 4 hrs. Concepts of microbial nutrition, metabolism, adaptation, and genetics as related to growth and environment.
- 784L. **Principles of Animal and Plant Cell Culture Laboratory.** 2 hrs. Basic and advanced tissue culture techniques.
785. **Advanced Viral Pathogenesis.** 3 hrs. Prerequisites: BSC 486 and BSC 484 or 485 or permission of instructor. Advanced consideration of host-viral interaction from a pathological and immunological perspective.
787. **Comparative Immunology.** 3 hrs. A comparative examination of the evolution development, functions, and mechanisms of natural and acquired immune defense in organisms throughout the phylogenetic spectrum.
789. **Microbiology Seminar.** 1 hr. The presentation and defense of current, classical concepts and principles of microbiology. May be repeated for credit.
790. **Biology Seminar.** 1 hr. The presentation of current concepts in special areas of individual interest.
791. **Research in Biology.** 1-16 hrs. Prerequisite: Approval of the major professor.
792. **Special Problems.** 2-6 hrs.
793. **Research in Zoology.** 1-6 hrs.
795. **Research in Genetics.** 1-9 hrs.
796. **Research in Microbiology.** 1-9 hrs.
797. **Independent Study and Research.** Hours arranged. Not to be counted as credit toward a degree. Students actively working on a dissertation, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of dissertation but who are actively working on a dissertation, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
861. **Gross Anatomy.** 3 hrs.
- 861L. **Gross Anatomy Laboratory.** 2 hrs.
864. **Electron Microscopy.** 1 hr. Theory and use of the electron microscope, ultramicrotome, and associated specimen preparation. (May be taken as PSC 880 or 881)
- 864L. **Electron Microscopy Laboratory.** 2 hrs. Corequisite for BSC 864. Practical use of the electron microscope and ultramicrotome. Introduction to specimen preparation and darkroom techniques.





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who are not in residence and are not enrolled in at least 3 hours of thesis but who are actively working on a thesis, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.

698. **Thesis.** 1-6 hrs. for a total of 6 hrs.

701. **Seminar in Business Education.** 3 hrs. Analysis and evaluation of significant research studies in the field of business education and research of a problem.

750. **Business Education in the Junior College.** 3 hrs. Forces affecting junior college business curricula; philosophy; programs; public relations; trends, and related research.

760. **Administration and Supervision of Business Education** 3 hrs. Principles; techniques of administration and supervision of business education in junior high, senior high, evening schools, and colleges.

780. **Readings in Business Education.** 3 hrs. Readings in both periodical literature and research. Presentation of findings in a scholarly report.

791. **Research in Business Education.** 1-16 hrs.

794. **Field Problems.** 1-3 hrs.

797. **Independent Study and Research.** Hours arranged. Not to be counted as credit toward a degree. Students actively working on a thesis, consulting with the major professor, or using the other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of thesis but who are actively working on a thesis, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.

798. **Specialist Thesis.** 1-6 hrs.

**Chemistry and Biochemistry (CHE)**

500. **Chemical Literature.** 2 hrs. Prerequisites: CHE 256 and 311. The selection and use of the reference materials of chemistry: periodicals, journals, texts, patents, and other sources of information.

504. **Spectral Elucidation of Structure.** 3 hrs. Prerequisite: Permission of the instructor. Applications of vibrational, electronic, nuclear magnetic resonance, and mass spectroscopy to structure determination.

505. **Problems in Chemistry.** 3-6 hrs. Prerequisite: Undergraduate coursework in the area and permission of the instructor. An intensive review of specialized areas in chemistry.

506. **Modern Chemical Problem Solving I.** 3 hrs. Chemical reactivity in the gaseous state and aqueous state, thermochemistry of reactions, oxidation/reduction processes, electrochemistry, and modern atomic theory as it is applied to bonding concepts and reactivity, and nuclear chemistry.

507. **Modern Chemical Problem Solving II.** 3 hrs. Physical and chemical aspects of liquids and solutions, thermodynamics, kinetics, chemical equilibrium, acid/base equilibria, solubility and complex ion equilibria, and the transition metals.

509. **Chemistry Laboratory Teaching.** 1 hr. Prerequisite: Permission of the instructor. Instruction and practice for teaching assistants in the academic chemistry laboratory.

510. **Safety Principles and Procedures in the Chemical Sciences.** 1 hr. Common laboratory hazards and their remediation.

511. **Instrumental Analysis.** 3 hrs. Prerequisite: CHE 461, 461L. Pre- or Corequisite: CHE 462, 462L. Theory and practice of instrumental methods of analysis; absorption spectroscopy, magnetic resonance, mass spectroscopy, electrometric methods, and fundamental electronics.

511L. **Instrumental Analysis Laboratory.** 1 hr. Corequisite: CHE 511. A laboratory designed to accompany CHE 511.

520. **Principles of Biochemistry.** 3 hrs. Prerequisite: CHE 251 or equivalent. A one semester course surveying the fundamentals of biochemistry.

520L. **Principles of Biochemistry Laboratory.** 1 hr. Corequisite: CHE 520. A laboratory course to accompany CHE 520 with emphasis on using knowledge of biochemical techniques in the student's profession.

521. **Biochemistry I.** 3 hrs. Prerequisite: 256. The properties of amino acids, proteins, carbohydrates, lipids, and nucleic acids; actions of enzymes and protein synthesis.

521L. **Biochemistry I Laboratory.** 2 hrs. Corequisite: CHE 521. An optional laboratory course to accompany CHE 521.

522. **Biochemistry II.** 3 hrs. Prerequisite: 521. Major metabolic pathways with emphasis on energy considerations and inter-relationships of the pathways.

522L. **Biochemistry II Laboratory.** 2 hrs. Prerequisite: CHE 521L. Corequisite: CHE 522. A continuation of CHE 521L.

523. **Analytical Biochemistry.** 3 hrs. Prerequisite: CHE 521. A survey of methods used by biochemists to detect and characterize biologically important molecules.

524. **Biochemistry III.** 3 hrs. Prerequisite: CHE521. Biochemical principles underlying nucleic acid structure, functions, and interactions with other biomolecules that mediate molecular changes in living organisms.

531. Inorganic Chemistry.



551. **Infant Development.** 2 hrs. Corequisite: CD 551L. Emphasis will be given to the development and behavior of the infant.
- 551L. **Infant Development Laboratory.** 1 hr. Corequisite: CD 551. A laboratory for studying the growth, development, and behavior of infants and toddlers.
552. **Child Development Methods and Materials.** 2 hrs. Prerequisite: Permission of instructor. Corequisite: 552L. Provisions are made to evaluate and select materials for use in developing teaching techniques and planning developmentally appropriate play activities for children.
- 552L. **Child Development Methods and Materials Laboratory.** 1 hr. Corequisite: CD 552. A laboratory for evaluating and selecting materials, developing teaching techniques, and planning developmentally appropriate programs for young children.
553. **Creativity in Young Children.** 2 hrs. Corequisite: CD 553L. A study of creative activities for preschool children.
- 553L. **Creative Activities for the Preschool Child Laboratory.** 1 hr. Corequisite: CD 553. A laboratory for the study and application of developmentally appropriate creative activities for young children.
555. **Supervised Participation.** 6 hrs. Prerequisite: CD 452. Directed participation in programs for young children.
578. **Specialized Studies in Developmental Disabilities.** 1-6 hrs. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.
598. **Families of the Developmentally Disabled.** 3 hrs. Interdisciplinary approach to the study of families of the developmentally disabled.
628. **Assessment Procedures for Young Children with Disabilities.** 3 hrs. To familiarize students with current issues, theories, and practices regarding the assessment of young children who are at risk for or have manifest disabilities.
629. **Advanced Intervention Procedures for Young Children with Disabilities.** 3 hrs. To familiarize students with current issues, theories, intervention methods, and procedures for young children who are at risk for or have manifest disabilities.
650. **Advanced Child Development.**



556. **Comparative Histology of Marine Organisms.** 3 hrs. Corequisite: COA 556L. Histology of marine organisms, including tissue processing techniques. May be taken as BSC 568 or MAR 530.
- 556L. **Comparative Histology of Marine Organisms Laboratory.** 3 hrs. Corequisite for COA 556. May be taken as BSC 568L or MAR 530L.
565. **Applications of Biotechnology in Marine Biology.** 3 hrs. Prerequisites: 8 hrs. of zoology, general and organic chemistry; biochemistry recommended or permission of instructor. Corequisite: COA 565L. Basic biochemical and molecular techniques used to conduct research in marine biology. May be taken as BSC 579.
- 565L. **Applications of Biotechnology in Marine Biology** BSC 568L or MAR 530L.
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690. **Special Topics in Coastal Sciences.** 1-6 hrs. May include lecture material, student presentations, and discussions moderated by instructor. May be repeated.
691. **Research in Coastal Sciences.** 1-16 hrs. Prerequisite: Permission of instructor.
692. **Special Problems in Coastal Sciences.** 2-6 hrs. Prerequisite: Permission of instructor.
697. **Independent Study and Research.** 1-9 hrs. arranged. Not to be counted as credit towards a degree. Students actively working on a thesis, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of thesis but who are actively working on a thesis, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
698. **Thesis.** 1-6 hrs for a total of 6 hours. Prerequisite: Permission of instructor.
728. **Crustacean Taxonomy.** 2 hrs. Corequisite: COA 728L. Morphology, taxonomy, and systematics of higher Crustacea emphasizing the major orders of the three Malacostracan subclasses.
- 728L **Crustacean Taxonomy Lab.** 2 hrs. Corequisite: COA 728. Examination and comparison of homologous characters in representatives of the subclasses Phyllocarida, Hoplocarida, and Eumalacostraca.
742. **Topics in Fisheries Ecology.** 1-6 hrs. Prerequisite: Permission of the instructor. Review of primary literature in fisheries ecology as defined by the topic chosen each semester.
746. **Ecology of Fishes.** 3 hrs. Prerequisite: Permission of instructor. Topics range from reproduction to aspects of population and community ecology. Students complete six pre-proposals and lead discussions on topics in fish ecology.
757. **Application of Environmental and Coastal Zone Management.** 6 hrs. This class is designed to teach students environmental and coastal zone management.
762. **Statistical Methods in Environmental Coastal Zone Management.** 3 hrs. Emphasizes relationship among probability and hypothesis testing.
763. **Grantsmanship in Environmental Coastal Zone Management.**



536. **Stress Management Techniques.** 3 hrs. Theory and application of primary prevention strategies in stress management programs.
537. **Health Education in Clinical Settings.** 3 hrs. Analysis of the role, methods, and technology of health education pertaining to health care clinics and patient education.
540. **Introduction to Biostatistics.** 3 hrs. Introduction to basic concepts of descriptive and inferential statistical methods in health sciences.
578. **Specialized Studies in Developmental Psychology.** 3 hrs. Introduction to basic concepts of descriptive and inferential statistical methods in health sciences.













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606. **Teaching Language Arts in the Elementary Grades.** 3 hrs. The basic concepts of language teaching and learning with consideration of all the language arts and their interrelationships.
615. **Student Discipline Techniques and Procedures for Teachers and Administrators** 3 hrs. Provides a comprehensive overview of strategies for disciplining students.
616. **Teacher/Administrator Legal Rights and Responsibilities** 3 hrs. Provides a comprehensive overview of the legal rights and responsibilities of teachers and administrators.
678. **Assessment and Intervention for Handicapped Children 0-5** 3 hrs. Current issues and theories regarding assessment and intervention procedures for at-risk and handicapped young children, birth through 5.
688. **Medical Aspects of Developmental Disabilities.** 3 hrs. Medical conditions, diagnostic tests, and other health care issues relevant to individuals with developmental disabilities.
692. **Special Problems I, II, III.** 1 hr. each. A problem study to be approved by the department chairman to develop knowledge and facility in a field of interest of the student. Preparation of a scholarly paper is required.
694. **Field Problems in Production I, II, III.** 3 hrs. Prerequisite: Approval of the department chairman. This course provides students with an opportunity to study local school problems in a field setting under the supervision of a graduate professor.
697. **Independent Study and Research.** 1-9 hrs. arranged. Not to be counted toward a degree. S of a graduate student, 26 pts and responses to TD 0.032 688. rights





729. Reading in the Elementary School.





692. **Special Problems.** 1-6 hrs. May be repeated for a total of 6 hours. Involves study in a specific topic of work in a specific area of research under the direction of a consulting faculty member.
697. **Independent Study and Research.** 1-9 hrs. arranged. Not to be counted as credit toward a degree. Students actively working on a thesis, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of thesis but who are actively working on a thesis, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
698. **Thesis.** 1-3 hrs. for a total of 6 hours. Independent research project initiated, designed, researched, and written by the student under the supervision of a major professor and a thesis committee.
701. **New South Economic Development Course.** 2 hrs. Week-long course presenting a comprehensive overview of economic development as a process, a practice, and a profession.
722. **Advanced Research Methods in Economic Development.** 3 hrs. Prerequisite: ED 663 or equivalent. Examines research techniques applied to economic development problems, including impact, economic base, and retail trade area analysis; gathering, compilation, and presentation of community information; and industry targeting studies. Emphasizes computer analysis and use of the Internet.
724. **Advanced Economic Development Finance I.** 3 hrs. Prerequisite: ED 650 or equivalent. Credit analysis process, permanent working capital analysis, cash flow analysis, and projections and deal structuring as they are applied in economic development practice.
725. **Advanced Economic Development Finance II.** 2 hrs. Prerequisite: ED 724 or equivalent. Real estate financing, return on investment, real estate appraisals, taxation, deal structuring, and negotiation as they apply to economic development.
741. **Relational Skills in the E.D. Organization.** 2 hrs. Examines "relational" skills needed by professional economic developers, including oral and written communication skills, interpersonal skills, negotiation, business etiquette, and dealing with the media and constituents.
743. **Managing an E.D. Agency.** 2 hrs. Prerequisite: Introduction to Management or equivalent. Study of management theory and approaches specifically applied to economic development agencies. Includes personnel management and working with volunteers, community leaders, and board members.
747. **Economic Development Promotion.** 1 hr. Prerequisite: ED 646 or equivalent, ED 666 and 667 or equivalent. Techniques of internal and external advertising, promotion, and salesmanship in economic development, with emphasis on business retention, expansion, creation, and recruitment.
748. **International Economic Development Methods.** 1 hr. Prerequisite: ED 646 or equivalent. Examines methods of promoting foreign direct investment and export assistance for domestic producers.
761. **Contemporary Issues in Economic Development.** 1-3 hrs. Analysis of selected issues of current importance to the practice of economic development.
764. **Economic Development Theory I.** 3 hrs. Prerequisite: GHY 350 or equivalent or permission of instructor. Manufacturing, retail, service, and commercial location theory.
765. **Economic Development Theory II.** 3 hrs. Prerequisite: GHY 350 or equivalent or permission of instructor. Regional and local economic development theory, including growth centers, economic base theory, and multiplier analysis.
784. **Best Practices in Economic Development.** 1 hr. Prerequisite: Approval of adviser and instructor. Case studies of selected examples of best practices in economic development.
789. **Applied Problems in Economic Development.** 3 hrs. Prerequisite: Departmental approval. Capstone course in creative problem solving designed to challenge and synthesize the student's proficiency in economic development practice. Several research problems are completed and defended based on the student's program of study and specializations.
791. **Apprenticeship.** 2 hrs. May be repeated for a maximum of 6 hrs. Prerequisite: Approval of adviser and consent of supervising instructor. Placement in a mentoring environment in an economic development agency. 2 hours of credit for each academic term. 4 hours required.

## Economics (ECO)

520. **Economic Analysis for Managers.** 3 hrs. Prerequisites: Computer literacy, calculus. Microeconomic and macroeconomic analysis as applied to managerial decision making. See also MBA 520.
598. **International Economics Seminar Abroad.** 3 hrs. Prerequisite: Consent of program director. Conducted in London, England; a series of lectures and discussions involving authorities on international economic issues and practices.
606. **Microeconomic Analysis for Business.** 3 hrs. Prerequisites: ECO 201-202 or ECO 520. A study of pricing and resource allocation with emphasis on applying microeconomic concepts.
672. **International Trade and Finance**





592. Special Problems.



570. **Survey of the American Literary Renaissance, 1820-1870.** 3 hrs. Examines the writings of Emerson, Thoreau, Hawthorne, Melville, Whitman, and others.
571. **Survey of the Rise of Realism in American Literature, 1870-1920.** 3 hrs. Examines American literature after the Civil War, focusing on the terms *realism* and *naturalism*.
572. **Survey of American Drama.** 3 hrs. Studies American drama from its beginnings to the present, with emphasis on the 20th century.
573. **Studies in African-American Literature.** 3 hrs. Focuses on specific genres, topics, or writers of African-American Literature.
577. **Survey of the American Novel, 1920 to 1960.** 3 hrs. Studies techniques and historical backgrounds of the major novelists.
578. **American Women Writers.** 3 hrs. Literature written by American women writers. Variable content.
585. **Literature of the South.** 3 hrs. Emphasizes the fiction, poetry, and drama of Southern writers.
589. **Studies in American Literature.** 3 hrs. Studies notable movements, genres, and problems of American literature. Repeatable to 9 hours.
593. **Irish Studies.** 4 hrs. A three-week course taught in Ireland as part of the Southern Miss British Studies Program. Content will vary.
596. **Caribbean Studies.** 3 hrs. Variable content. Lecture series under the auspices of the Center for International and Continuing Education
597. **Special Topics in British Literature.** 6 hrs. A five-week course taught in London, England, offering an intensive study of special topics in British literature.
598. **British Studies I.** 3-6 hrs. A five-week course taught in London, England. Generally offers an intensive study of topics and figures from the beginning of English literature to 1800.
599. **British Studies II.** 3-6 hrs. A five-week course taught in London, England. Generally offers an intensive study of topics and figures in English literature from 1800 to the present.
609. **Dimensions of Learning in English Education I.** 3 hrs. Prerequisites: CIS 603, SPE 500, REF 632, CIS 700. Corequisite: REF 601. Seminar and field experience in English education.
610. **Dimensions of Learning in English Education II.** 3 hrs. Prerequisite: ENG 609. Corequisite: CIR 754. Seminar and field experience in English education. Includes a classroom-based research project. Repeatable to 9 hours.
611. **Topics in Contemporary Literature.** 3 hrs. A critical exroom-minar anF 63Su Includes 6tymegs litation. Includ aturec

661. **Studies in the Restoration and 18th-Century British Literature.** 3hrs. Provides a focused survey in the literature of the restoration period through the 18th century. Repeatable to 6 hours.
663. **Studies in 19th-Century British Literature.** 3 hrs. Provides a focused survey of the poetry or prose of the 19th century. Repeatable to 6 hours.
667. **Studies in 20th-Century British Literature.** 3 hrs. Provides a focused survey of 20th-century British literature. Repeatable to 6 hours.
669. **Topics in British Literature.** 3 hrs. A critical examination of important trends, movements, and issues in British literature. Repeatable up to 6 hours.
670. **Studies in American Literature I.** 3 hrs. Provides a focused survey of selected American writers and movements before 1900. Repeatable to 6 hours.
671. **Studies in American Literature II.** 3 hrs. Provides a focused survey of selected American writers and movements since 1900. Repeatable to 6 hours.
672. **Topics in American Literature.** 3 hrs. A critical examination of a theme or themes in American literature. Repeatable to 6 hours.
673. **Topics in African-American Literature.** 3 hrs. A critical examination of genres, topics, or writers of African-American literature. Repeatable to 6 hours.
678. **Topics in Writing by Women.** 3 hrs. A critical examination of a genre, topic, or theme in women's literature. Repeatable to 6 hours.
690. **Teaching Freshman Composition.** 1 hr. Paces English 101 and 102. Provides practical models for writing assignments, teaching techniques, and classroom management for teachers of Freshman Composition. Repeatable to 4 hours. Credit hours do not count toward degree.
692. **Special Problems.** 3 hrs. Prerequisite: Consent of instructor. Provides the opportunity to pursue a special topic or area of interest. Repeatable to 6 hours.
694. **Studies in Basic Writing.** 3 hrs. Examines theoretical, historical, and cultural issues in the teaching of basic writing.
695. **Advanced Methods in English.** 3 hrs. Analyzes recent theories and practices in the teaching of composition, literature, and language in postelementary institutions. Repeatable to 9 hours. Credit hours do not count toward English degree.
696. **Studies in Technical and Professional Writing.** 3 hrs. Examines the history and theory of scientific and technical discourse as well as pedagogical applications.
697. **Independent Study and Research.** 1-9 hrs. arranged. Not to be counted as credit toward a degree. Students actively working on a thesis, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of thesis but who are actively working on a thesis, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
698. **Thesis.** 1-6 hrs. for a total of 6 hours.
702. **Readings in Linguistics.** 3 hrs. Examines varying topics, but usually treats practical aspects of classroom problems arising from widely varying dialects in the public schools. Repeatable to 9 hours.
703. **Seminar in Teaching English as a Second Language.** 3 hrs. Examines the practical application of linguistic principles to second language teaching.
711. **Seminar in Postcolonial Literature.** 3 hrs. Examines postcolonial literature from the 19th century to the present.
714. **Tutorial in English and Germanic Philology.** 3 hrs. Develops specialized area of inquiry unavailable in the regular curriculum.
716. **Seminar in Modern World Literature.** 3 hrs. Examines varying topics in British and Continental literature of the 20th century: authors, movements, and genres. Repeatable to 9 hours.
721. 3 hrs. Examquisite: Cons: Gr131specialized area of 2t to.12,onsrmiF2 7.es the oportule to for ateata TftCe 6 hTc (784.5least 3 hours ensultin.)Tj bc0e: Gr/F2kshop Tftfcopics,

735. **Issues in Writing Program Administration.** 3 hrs. Focuses on issues and research relating to writing program administration in post-secondary institutions.
744. **Seminar in Literary Criticism.** 3 hrs. Examines specific issues in critical theory. Repeatable to 9 hours.
750. **Anglo-Saxon.** 3 hrs. Examines the Old English language and representative English literature prior to 1066.
751. **Beowulf.** 3 hrs. Reading *Beowulf* in Anglo-Saxon.
753. **Middle English.** 3 hrs. Presents readings in Middle English literature exclusive of Chaucer, emphasizing the language and dialects of English from 1100 to 1500.
754. **Seminar in Medieval Literature.** 3 hrs. Focuses on the works of a major English medieval writer or group of writers. Repeatable to 9 hours.
758. **Seminar in Renaissance Literature.** 3 hrs. Studies the works of a major English Renaissance writer or group of writers. Repeatable to 9 hours.
760. **Seminar in 17th-Century British Literature.** 3 hrs. Provides extensive study of an author, topic, or genre in 17th-century British literature. Repeatable to 9 hours.
761. **Seminar in 18th-Century British Literature.** 3 hrs. Provides extensive study of an author, topic, or genre in 18th-century British literature. Repeatable to 9 hours.
763. **Seminar in English Romanticism.** 3 hrs. Provides extensive study of selected poets and topics from the Romantic Era (1790-1830). Repeatable to 9 hours.
764. **Seminar in Victorianism.** 3 hrs. Provides extensive study of selected authors and topics from the Victorian Era (1830-1910). Repeatable to 9 hours.
769. **Seminar in Modern British Literature.** 3 hrs. Offers an examination of important modern British figures and movements. Repeatable to 9 hours.
770. **Seminar in American Literature I.** 3 hrs. Presents a detailed study of selected American writers and movements before 1900. Repeatable to 9 hours.
771. **Seminar in American Literature II.** 3 hrs. Presents a detailed study of selected American writers and movements since 1900. Repeatable to 9 hours.
772. **Readings in American Literature.** 3 hrs. Presents a detailed study of selected American writers and movements. Repeatable to 9 hours.
773. **Seminar in African-American Literature.** 3 hrs. Provides a detailed study of selected genres, topics, or writers of African-American literature. Repeatable to 9 hours.
790. **Seminar in Rhetoric and Composition.** 3 hrs. Provides extensive study and research in a special topic (such as Writing in the Digital Age, Rhetoric in the Workplace, or Rhetoric in the Public Sphere). Repeatable to 9 hours.

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**Latin (LAT)**

545. **Reading in Latin Literature.** 3 hrs. Prerequisite: Consent of instructor. May be taken for a total of 9 hours if topic varies.

**Spanish (SPA)**

501. **Spanish Reading for Research I.**



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**Teaching English to Speakers of Other Languages (TSL)**

612. **Options in the Teaching of Grammar in ESL/EFL.** 3 hrs. An introduction to approaches to the acquisition and teaching of grammar in English as a second or foreign language.
641. **TESOL Seminar.** 3 hrs. May be repeated as content varies. Content varies in response to students' interests and needs.
645. **Reading in ESL/EFL Instruction.** 3 hrs. An introduction to current reading theory, research, and techniques relevant to the teaching of English as a second or foreign language.
692. **Special Problems in ion a:5section.**



540. **Population and Human Resources.** 3 hrs. A geographical analysis of the spatial variations in demographic and non-demographic aspects of human populations.
541. **Contemporary Issues in Geography Seminar.** 3 hrs. Prerequisite: 18 hours credit in geography. This discussion course focuses on analysis of the geographical background to topical issues.
542. **Social Geography: Values Systems and Landscape Change.** 3 hrs. An analysis of the relationship between geographical patterns of human social organization, social values, and spatial patterns of landscape change.
551. **Theories of Economic Location.** 3 hrs. Principles of economic location analysis with emphasis on locational decision making and investment by different types of business. Relevance to economic development and planning is stressed.
589. **Caribbean Studies.** 1-6 hrs. Variable content. Lecture series, field exercises, and research offered abroad under the auspices of the Center for International and Continuing Education.
598. **Study Abroad.** 1-6 hrs. Students gain experience of foreign environments, both cultural and physical, through structured programs offered by the Center for International and Continuing Education.
599. **British Studies: Geography of the British Isles.** 3-6 hrs. An overview of the human and physical geography of the British Isles. Includes field trips and directed research.
610. **Seminar in Research Techniques and Presentation of Geographic Data.** 1-3 hrs. Required of all geography graduate students.
612. **Seminar in Geographic Information Science.** 3 hrs. May be repeated up to 6 hours with change in content to include cartographic, aerial photo interpretation, remote sensing, statistical, and geographic information systems.
615. **Quantitative Methods in Spatial Analysis.** 3 hrs. An advanced course in statistical and other quantitative techniques applied to problems of spatial analysis.
617. **Geography for Teachers.** 3 hrs. Current theories, practices, and techniques used in teaching geography at the elementary and secondary levels.
623. **Seminar in Environmental Climatology.** 3 hrs. May be repeated up to 6 hours with change in content.
624. **Landscape Ecology.** 3 hrs. Prerequisite: Consent of instructor. Principles of landscape ecology - the effects of patterns on processes - as a framework for landscape research, analysis, and management.
631. **Seminar in Cultural-Historical Geography.** 3 hrs. May be repeated up to 6 hours with change in content.
650. **Seminar in Economic Geography.** 3 hrs. May be repeated up to 6 hours with change in content.
680. **Seminar in History and Development of Geographic Thought.** 3 hrs.
691. **Internship.** 1-9 hrs. The internship gives the students credit for practical, supervised experience in the workplace. May be repeated to a maximum of 9 hours.
692. **Special Problems.** 1-6 hrs.
693. **Internship in Geographic Information.** 1-6 hrs. Prerequisite: Permission of instructor. Internship in GIS, remote sensing, and cartography. May be repeated for a total of 6 hours.
694. **Prolaboratory in Geographic Information.** 1-3 hrs. Prerequisite: Permission of instructor. Preparation and presentation of a professional GIS, cartographic, or remote sensing project. May be repeated with change of content for a total of 6 hours of credit.
697. **Independent Study and Research.** Hours arr. Not to be counted as credit toward a degree. Students actively working on a thesis, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of thesis but who are actively working on a thesis, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
698. **Thesis.** 1-6 hrs. for a total of 6 hrs.

## Geology (GLY)

501. **Principles of Stratigraphy.** 3 hrs. Prerequisites: GLY 304, 308, 341, or permission of instructor. A study of the character and distribution of sedimentary rock units in space and time.
503. **Optical Mineralogy.** 3 hrs. Pre- or Corequisite: GLY 304. Introduction to optical mineralogy and thin section study of rocks using polarizing microscope.
- 503L. **Optical Mineralogy Laboratory.** 1 hr. Corequisite: GLY 503.
505. **Sedimentology.** 3 hrs. Study of the character of sediments and sedimentary structures in the context of depositional environments.
- 505L. **Sedimentology Laboratory.** 1 hr. Corequisite: GLY 505.
506. **Fundamentals of Crystallography.** 1 hr. Prerequisite: MAT 103. An introduction to the concepts of crystal systems, morphology, Herman-Mauguin symbols, Bravais lattice, unit cells, Miller indices, and X-ray diffraction.



608. **Gulf Coast Geology.** 3 hrs. Stratigraphy, structural geology, and mineral resources of the Gulf Coastal Province of the United States.
612. **Isotope Geology.** 3 hrs. Theory and application of geochronology and the use of isotopes as tracers of geological processes.
615. **Clay Mineralogy.** 3 hrs. Origin, structure, and chemistry of clays, identification techniques, clay-water systems, soil formation, and engineering applications.
- 615L. **Clay Mineralogy Laboratory.** 1 hr. Corequisite: GLY 615.
641. **Paleoecology.** 3 hrs. Prerequisite: GLY 341 or equivalent. A study of the relationship between ancient organisms and the environment in which they lived; field trips.
677. **Advanced Groundwater Hydrology.** 3 hrs. The advanced study of groundwater flow and seepage, well hydraulics, water quality, groundwater management, modeling techniques, and exploration methods pertaining to water resource investigations.
689. **Seminar.** 1 hr. Prerequisite: Permission of instructor. May be repeated once for a total of 2 hours credit.
691. **Research in Geology.** 1-16 hrs. Prerequisite: Approval of major instructor.
692. **Special Problems in Geology.** 1-3 hrs. Prerequisite: Approval of chair. Investigation of a specific problem not related to thesis research.
697. **Independent Study and Research.** Hours arr. Not to be counted as credit toward a degree. Students who are not in residence and are not enrolled in at least 3 hours of thesis but who are actively working on a thesis, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
698. **Thesis.** 1-6 hrs. for a total of 6 hrs.

### Higher Education Administration (HE)

711. **Higher Education in the United States.** 3 hrs. This course provides an overview of the development, scope, philosophy, objectives, and recent innovations in colleges and universities.
712. **The Community/Junior College.** 3 hrs. This course treats the development, functions, programs, philosophy, issues, and research related to the two-year college.
713. **Curricula in Higher Education.** 3 hrs. A study of undergraduate, graduate, and professional education curriculum development in community/junior and senior colleges.
714. **Higher Education Finance.** 3 hrs. This course will explore the financing of higher education including the following: the theoretical bases for the use of taxation to support post-secondary education; students fees and tuition; public and private grants, gifts, and bequests; financing and planning for higher education needs; cost benefit and cost analysis; budgeting and accounting.
715. **Administration and Supervision of College Teaching.** 3 hrs. A study of the administration of college faculty personnel services and of techniques for faculty development.
716. **Legal Issues in Higher Education.** 3 hrs. Explore legal issues and their impact on post-secondary institutions. Covers such topics as academic freedom, faculty employment, student legal issues, and tort liability.
717. **Continuing Education and Community Service.** 3 hrs. The role and scope of continuing education and community service in higher education, including the community college.
718. **Human Resources in Higher Education.** 3 hrs. The course will introduce the students to the legal regulations and policies surrounding today's workforce in areas of employee relations, recruitment and selection, training, benefits, compensation, diversity, documentation, information systems and other related topics for public universities.
719. **Organization and Administration of Occupational Education in the Community College.** 3 hrs. Economic, social, educational and legal bases for occupational education; administration of secondary and community college programs.
777. **The Professoriate.** 3 hrs. An examination of historical and contemporary roles of the professoriate and discussion of forces that are shaping future roles for the profession.
814. **Organization and Administration of Higher Education.** 3 hrs. A study of organizational and administrative roles of structure, governance, coordination, control, and finance of higher education.
816. **Seminar in Problems in Higher Education.** 3 hrs. Discussion of problems and topics in higher education to be determined by the students and the instructor.

### History (HIS)

501. **Themes in the Non-Western World.** 3 hrs. An analysis of economic, political, social, and cultural issues that have shaped relations between the Western and non-Western worlds.
503. **Africa, History and Cinema.** 3 hrs. This course will examine major themes in modern African history via texts and motion pictures.

504. **History and Cinema.** 3 hrs. This course will provide a multidimensional examination of the relations betweenof t4 17768.138 -8.5 TD -0.168will al q 8.5 0 0 5.cipl 7.ionship8áis







735. **Seminar in Early Modern European History.** 3 hrs. May be repeated for a total of 9 hours.
736. **Seminar in Modern Military History.** 3 hrs. Discussion of themes in warfare and society from the Napoleonic era to the present.
740. **Seminar in East Asian History.** 3 hrs. May be repeated for a total of 9 hours.
745. **Seminar in Latin American History.** 3 hrs. May be repeated for a total of 9 hours.
771. **Seminar in United States History to 1877.** 3 hrs. May be repeated for a total of 9 hours.
772. **Seminar in United States History Since 1877.** 3 hrs. May be repeated for a total of 9 hours.
773. **Seminar in African-American History.** 3-6 hrs. as topics vary. Examination of selected topics in African-American history.
774. **Seminar in American Diplomatic History.** 3 hrs. May be repeated for a total of 9 hours.
775. **Seminar in Southern History.** 3 hrs. Variable topics in Southern history. May be repeated for a total of 9 hours.
776. **Seminar in Women's History.** 3 hrs. Variable topics in women's history. May be repeated for a total of 9 hours.
781. **Themes and Interpretations in Latin America I.** 3 hrs. Study of major themes and historiographical trends in pre-colonial and colonial Latin American history.
782. **Themes and Interpretations in Latin American History II.** 3 hrs. Study of major themes and historiographical trends in post-colonial Latin American history.
785. **Oral History Seminar.** 3 hrs. May be repeated for a total of 9 hours.
791. **Research in History.** 1-16 hrs. Prerequisite: Approval of major professor.
795. **Development of the Professional Historian.** 3 hrs. Seminar to develop skills necessary to succeed as a professional historian. Includes supervised teaching experience. May be repeated once.
796. **Practicum in the Teaching of History in Colleges and Universities.** 3 hrs. May be repeated for a total of 9 hours.
797. **Independent Study and Research.** Hours arranged. Not to be counted as credit toward a degree. Students actively working on a dissertation, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of dissertation but who are actively working on a dissertation, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
799. **British Studies: Advanced Seminar in European Studies.** 3-6 hrs. Lecture series and research in European studies offered abroad under the auspices of the Center for International and Continuing Education. No more than 3 hours to be counted as credit toward degree.
898. **Dissertation.** 1-12 hrs. for a total of 12 hours.

### College of Health (COH)

601. **College Teaching.** 3 hrs. Examines issues and research related to successful college teaching. Provides supervised experience in planning and developing course materials and evaluating teaching methodology.

### Hospitality Management (HM)

540. **Food Service Operations Management.** 3 hrs. Corequisite: HM 540L. Advanced application of systems used to manage food service operations..
- 540L. **Food Service Operations Management Laboratory.** 2 hrs. Prerequisite: HM 350, 350L. Corequisite: HM 540. Practical application of the management of food service operations.
541. **Purchasing in the Hospitality Industry.** 3 hrs. Prerequisite: HM 100. Principles of purchasing foods, beverages, non-food items, and equipment are examined.
542. **Layout and Design.** 3 hrs. Prerequisite: HM 100. Planning, designing, and layout of hospitality facilities.
545. **Hospitality Financial Management.** 3 hrs. Prerequisite: HM 380. Financial management techniques applied to the hospitality industry, including capital expenditure analysis, and evaluation.
582. **Hospitality Marketing.** 3 hrs. Prerequisite: HM 100. Application of marketing theories to hospitality organizations. Emphasis on marketing systems, consumer behavior, market definition, and the marketing mix.
583. **Dimensions of Tourism.** 3 hrs. Prerequisite: HM 100. To explore tourism's supply/demand components. Emphasis on relationship between the components and functional areas of planning and marketing that manage them.
590. **International Studies in Hospitality Management.** 3 hrs. Prerequisite: HM 100 and permission of adviser. Acquaints students with visited destination's tourism supply/demand components through field trips/meetings with industry leaders.

594. **Tourism Destination Development.** 3 hrs. Prerequisite: HM 583. Emphasis placed on nature/scope of tourism planning, planning approaches, markets, attractions, services, regional potential planning, and levels of planning.
692. **Special Problems in Hospitality Management.** 1-6 hrs. Prerequisite: Graduate standing and approval of faculty adviser. Supervised study in area not covered by available courses.
693. **Readings in Hospitality Management.** 1 hr. Prerequisite: Graduate standing and approval of faculty adviser. Recent developments in research related to the hospitality industry. May be repeated for a total of 3 hrs.

## Human Performance and Recreation (HPR)

501. **Corrective and Adaptive Physical Education.** 3 hrs. Recognition of and corrective exercises for functional abnormalities. Adapted techniques in instructional settings.
504. **Motor Development.** 3 hrs. A study of the motor aspects of the human growth and development process.
509. **Psychological and Sociological Aspects of Motor Performance.** 3 hrs. The analysis and study of human behavior patterns as they relate to sport-related performance.
511. **Adapted Activities and Techniques in Therapeutic Recreation.** 3 hrs. The principles and techniques for adapting recreation programs and activities to meet the needs of people with disabilities.
513. **Organization and Administration of Recreation.** 3 hrs. Designed to study the organization and administration of recreation agencies and their policies.
515. **Business Procedures for Parks and Recreation.** 3 hrs. A study of specific business procedures and administrative policies.
517. **Legal Aspects of Recreation and Leisure Services.** 3 hrs. Legal issues related to leisure service management, including legal foundations, legal liability, land use policy, employment regulations, disabled services, and current issues.
524. **Community Recreational Resource Services and Organizations.** 3 hrs. A study of the varied agencies which provide community recreation services and the operation of specialized recreation facilities.
533. **Advanced Management in Recreation.** 3 hrs. A study of advanced policy and procedures in recreation programs and services.
534. **Facility Design and Maintenance.** 3 hrs. The principles and applications of design and maintenance concepts as they apply to indoor and outdoor sport and recreation facilities.
536. **Park and Recreation Planning.** 3 hrs. Fundamental principles and methodologies dealing with proper identification, allocation, and use of recreational resources.
543. **Outdoor Education.** 3 hrs. A study of outdoor education, specifically its philosophy, programs, methods, and resources. Organization, programming, and conducting programs and activities in educational settings.
544. **Operational Administration of Commercial Recreation.** 3 hrs. Emphasizes appropriate management skills which are essential to the successful operation of a commercial recreational enterprise.
547. **Interpretation of Cultural and Natural Resources.** 3 hrs. The interpretive process as applied to natural and cultural resources.

578. **Specialized Studies in Developmental Disabilities.** 1-6 hrs. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.
580. **Introduction to Driver Education.** 3 hrs. Critical analysis of traffic accidents, attitudes, factors, essential knowledge of automobile operation, and traffic laws.
581. **Traffic Safety Education.** 3 hrs. An in-depth study of major traffic safety problems, including driver, pedestrian, engineering, and enforcement.
582. **Laboratory Programs in Driver Education.** 3 hrs. An examination of aims, objectives, and role of laboratory programs in driver education.
583. **Methods of Driver and Traffic Safety Education.** 3 hrs. Prerequisite: HPR 580. Concurrent enrollment in HPR 583L. Methods of teaching in driver education programs.
- 583L. **Driver Education Laboratory.** 1 hr. Concurrent enrollment in HPR 583. This course is designed to provide students with supervised practical experience in using instructional tools of driver education.
584. **Simulation in Driver Education.** 3 hrs. Prerequisites: HPR 580 and 583. Analysis of audiovisual instructional techniques used in driver education.
586. **Innovative Programs in Driver Education.** 3 hrs. New and unique teaching methods of driver and traffic safety education.
588. **Motorcycle Safety Education.** 3 hrs. Analysis of motorcycle traffic problems; methods of teaching classroom and laboratory phases of motorcycle education.
589. **Driver Education for Special Students.** 3 hrs. Curriculum development and teaching materials in traffic safety education for special education students.
597. **Professional Collaboration for Developmental Disability Services.** 3 hrs. Study of the interdependent contributions of relevant disciplines in training, service, and research.
598. **Families of Developmentally Disabled.** 3 hrs. Interdisciplinary approach to the study of families of the developmentally disabled.
599. **British Studies.** 3-6 hrs. Involves variable topics. Lectures and supervised research in England. Offered exclusively through the Southern Miss Center for International and Continuing Education.
601. **Exercise Physiology.** 3 hrs. The study of the physiological basis of muscular activity, with special attention to general effects on body functions.
- +602. **Graded Exercise Testing.** 3 hrs. Study and application of graded exercise testing safely and reproductively so as to obtain valid and reliable data.
605. **Policy and Governance in Sport.** 3 hrs. The study of governing agency policy formation processes and administrative implementation in amateur and professional sport organizations.
612. **Entrepreneurial Aspects in the Sport Industry.** 3 hrs. Advanced principles and applications of finance and economics in the sport industry.
630. **Sport Business in the Social Context.** 3 hrs. Advanced study of such social issues as gender, race and ethnicity, aggression, politics, religion, and class and social mobility within the context of the sport industry.
670. **Organizational Leadership in Sport Administration.** 3 hrs. Special emphasis on problems of the athletic administrator and coach in organizing and directing the athletic programs and sport businesses.
676. **Athletic Seminar.** 3 hrs. An in-depth study and analysis of the athletic profession as it relates to trends and issues surrounding coaching and administrative decision making.
677. **Legal Aspects of Sport.** 3 hrs. Legal concepts and ethical issues impacting sport administration and coaching policy formation and practice.
- 678.

694. **Field Problems.** 1-6 hrs. Prerequisite: Permission of instructor. Readings and guided experience dealing with problem situations in the field and related institutional settings.
696. **Practicum.** 1-6 hrs. Prerequisite: Permission of instructor. Designed to provide master's level students opportunities for practical application of relevant theories in professional field settings.
697. **Independent Study and Research.** Hours arranged. Not to be counted as credit toward a degree. Students actively working on a thesis, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of thesis but who are actively working on a thesis, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
698. **Thesis.** 1-6 hrs. For a total of 6 hrs. Credit deferred until thesis completed.
701. **Advanced Exercise Physiology I.** 3 hrs. Prerequisite: HPR 601 or equivalent course. Concurrent enrollment in HPR 701L required. The study of the circulatory, respiratory, nervous, and muscular systems during and after physical activity.
- +701L. **Advanced Exercise Physiology I Laboratory.** 2 hrs. Corequisite: HPR 701. Use and care of exercise physiology laboratory equipment.
704. **Tests and Measurement in Human Performance.** 3 hrs. Tests of fitness, skills, and abilities. Administration and interpretation.
705. **Motor Learning.** 3 hrs. Physical and psychological variables essential to the acquisition of motor skills.
706. **Cardiovascular Physiology.** 3 hrs. Physiology of the heart with emphasis on normal versus abnormal conditions affecting human performance.
710. **Problems and Emerging Trends in Recreation.** 3 hrs. Problems and emerging trends related to recreation with emphasis on problem solving and evaluation.
711. **Research and Evaluation in Recreation and Leisure.** 3 hrs. Designed to develop knowledge and understanding relative to research methods most utilized in recreation.

694-711. **Problems and Emerging Trends in Recreation and Leisure.** 3 hrs. Prerequisite: Permission of instructor. Readings and guided experience dealing with problem situations in the field and related institutional settings.







- 645. **Computers in Education.** 3 hrs. Prerequisite: Basic computer literacy. Applications of current and emerging computer technology to instructional and administrative programs from the user's point of view.
- 648. **Telecommunications in Education.** 3 hrs. Prerequisite: Basic computer literacy. Examine hardware, software, implementation, and utilization of telecommunication technology as it applies to education.
- 650. **Distance Learning Systems.** 3 hrs. Prerequisite: IT 648. Survey of distance learning models, theoretical frameworks, historical development, and practical applications.
- 658. **Web Accessibility Design and Development.** 3 hrs. Examine Web accessibility issues faced by learners with disabilities and how Web resources can be designed to improve accessibility.
- 662. **Networks in Education.** 3 hrs. Prerequisite: Basic computer literacy. Examine hardware, software, implementation, and utilization of network technology as it applies to education.



727. **Technologies and Techniques in International Development Research.** 2-6 hrs. Provides a foundation in technologies for research in development, including remote sensing and geographic information systems, to assist students in their own research work and make them better critical consumers of development literature.
730. **International Development Finance.** 1-6 hrs. Provides a foundation of concepts and terminology in international economic and community development finance.
791. **Internship.** 1-6 hrs. May be repeated up to a total of 12 hours. Provides students with professional experience in private firms, government agencies, or nongovernmental organizations.
796. **Practicum in Higher and Professional Education.** 1-6 hrs. Provides students who have a career interest in teaching--either in higher education or in professional training--with pedagogical skills for their profession.
797. **Independent Study and Research.** 3-6 hrs. Hours arranged. Not to be counted as credit toward a degree. Students actively working on dissertation, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of dissertation, but who are actively working on a dissertation, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
850. **Seminar on Current Issues in International Development.** 1-6 hrs. Prerequisite: IDV 710 or permission of instructor. May be repeated up to a total of 12 hours. Case studies in current international development practices and leading international development research issues.
860. **Colloquium in International Development.** 1-6 hrs. May be repeated up to a total of 12 hours. Seminars involving scholars, practitioners, and student colleagues in international development.
898. **Dissertation.** 1-12 hrs. for a total of 12 hours.



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+668. **Research Methods in Library and Information Science.** 3 hrs. Prerequisite: LIS 501, LIS 505. Survey of scientific research methods and their application to the field.

## Marine Science (MAR)

501. **Biological Oceanography.** 3 hrs. Marine biological regimes and the influence of geological, physical, and chemical oceanographic features.
- 501L. **Biological Oceanography Laboratory.** 1 hr. A laboratory for MAR 501.
502. **Marine Environmental Science.** 3 hrs. A study of the problems that affect the coastal and nearshore environments of the Gulf of Mexico.
503. **Marine Invertebrate Zoology.**

- 541L. **Marine Chemistry Laboratory.** 1 hr. Corequisite: MAR 541. A laboratory designed to accompany MAR 541.
543. **Environmental Estuarine Chemistry.** 3 hrs. Prerequisites: BSC 111, CHE 256, and MAT 179 or permission of instructor. Corequisite: MAR 543L. Sources, reactions, transport, fate, and effects of environmental chemical species in aquatic environments, with special emphasis on estuaries. May be taken as COA 506.
- 543L. **Environmental Estuarine Chemistry Laboratory.** 1 hr. Corequisite: MAR 543. A laboratory designed to accompany MAR 543. May be taken as COA 506L.
556. **Techniques in Marine Sciences Education.** 1 hr. Corequisite: MAR 543. A laboratory designed to accompany MAR 543. May be taken as COA 506L.

MAR 543. 1 credit. Prerequisites: BSC 111, CHE 256, and MAT 179 or permission of instructor. Corequisite: MAR 543L. Sources, reactions, transport, fate, and effects of environmental chemical species in aquatic environments, with special emphasis on estuaries. May be taken as COA 506.

MAR 543L. 1 credit. Corequisite: MAR 543. A laboratory designed to accompany MAR 543. May be taken as COA 506L.

MAR 556. 1 credit. Corequisite: MAR 543. A laboratory designed to accompany MAR 543. May be taken as COA 506L.

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661. **Introduction to Numerical Ocean Modeling.** 3 hrs. Prerequisite: MAT 385 or permission of instructor. This course explores basic concepts of numerical modeling in general oceanography available to students from different disciplines.
662. **Introduction to Dynamical Oceanography.** 3 hrs. Prerequisite: Permission of instructor. An introductory course that describes the different types of motions observed in the oceans and on its surface. It includeent ty ζ5e6t

698. **Thesis.** 1-6 hrs. Prerequisite: Permission of instructor.
701. **Marine Bio-Optics.** 3 hrs. Prerequisites: MAR 501, 541, 561 or permission of instructor. This course will provide an understanding of concepts of hydrological optics, particularly as they relate to biological processes in the oceans.
702. **Advanced Biological Oceanography.** 3 hrs. Prerequisite: BSC 441 or 541 or MAR 501 or permission of the instructor. The sea as a biological environment. May also be taken as BSC 742.
703. **Advanced Techniques in Biological Oceanography.** 3 hrs. Prerequisites: MAR 501 and 501L or permission of instructor. This course will provide graduate students with practical experience in techniques used in biological oceanography today.
791. **Directed Research in Marine Science.** 1-12 hrs. Prerequisite: Approval of the major professor.
797. **Independent Study and Research.** Hours arranged. Not to be counted as credit toward a degree. Students actively working on a dissertation, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of dissertation but who are actively working on a dissertation, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
898. **Dissertation.** 12 hrs. Prerequisite: Approval of major professor.

### Marketing (MKT)

550. **Marketing Foundations.** 3 hrs. An analysis of marketing functions, concepts, and practices in managerial decision making. See also MBA 550.
595. **International Marketing.** 3 hrs. Prerequisites: MKT 300 and graduate status. Nonbusiness students only. The economic, political, and cultural aspects of international business operations.
598. **International Marketing Seminar Abroad.** 3 hrs. Prerequisite: Permission of program director. Conducted in London, England; a series of lectures and discussions involving authorities on international marketing issues and practices.
605. **Problems in Marketing Management.** 3 hrs. Prerequisite: MKT 550 or the equivalent. Applications of analytical and communication skills in solving complex marketing problems. See also MBA 605.
635. **Seminar in Consumer Behavior.** 3 hrs. Prerequisite: MKT 300. Application of behavioral science concepts to research and marketing decisions.
640. **Marketing Planning.** 3 hrs. Prerequisite: MKT 300. An applications-oriented approach to strategic and operational marketing problems.
650. **Seminar in Marketing Research.** 3 hrs. Prerequisites: BA 302 and MKT 300. A study of advanced research techniques used in market analysis.
692. **Special Problems in Marketing.** 1-6 hrs. Prerequisite: Permission of department chair.
699. **International Marketing Research Abroad.** 3 hrs. Prerequisite: Consent of program director. A research course in international marketing offered for students enrolled in MKT 598.

### Mass Communication (MC)

607. **Mass Communication Theory.** 3 hrs. Examination of diverse theoretical approaches to the study of mass communication; theory building in mass communication.
609. **Communication Seminar.** 3 hrs. A rotating seminar that addresses topics in the areas of radio-TV-film and journalism.
620. **Public Relations Theory.** 3 hrs. Prerequisite: Undergraduate study of public relations or communication, or permission of instructor. Explores theories of excellent communication and public relations management appropriate for grounding the work with internal and external publics of an organization.
621. **Public Relations Campaigns.** 3 hrs. Prerequisite: MC 620 or permission of instructor. Examines issues affecting design and implementation of persuasive public communication campaigns for business organizations, nonprofit organizations, political or issue campaigns.
622. **International Public Relations.** 3 hrs. Prerequisite: MC 620 or permission of instructor. Explores theories of communication and culture in international business environments with the purpose of developing public relations theory and practice.
623. **Seminar in Public Relations.** 3 hrs. Prerequisite: MC 620 or permission of instructor. Analysis of problems and processes of public relations with special emphasis upon theories, principles, and research.
625. **Process and Effects of Mass Communication.** 3 hrs. A study of the major areas of mass communication research literature, emphasizing mass communication effects research.
629. **Communication Internship.** 3 hrs. Students will serve an internship during one semester with a professional media or public relations agency.

691. **Research in Communication.** 1-9 hrs. For independent reading projects of broad general nature. Normally limited to topics not covered in regular courses.

692. **Special Problems.** 3 hrs. For independent research projects designed to answer specific questions in applied or theoretical communication.

697. **Independent Study and Research.** Hours arranged. Not to be counted as credit toward a degree. Students actively working on a thesis, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of thesis but who are actively working on a thesis, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.

698. **Thesis.** 3-6 hrs. for a total of 6 hrs.

699. **British Studies: Comparative National Media Systems.** 3-6 hrs. To instruct students through lectures, research, and2gh [ 1 06s TD ^ceos about the similarities and differences between

720. **Introduction to Graduate Research in Communication.** 3 hrs. Analysis of types of problems, concepts, variables,2g15 T



797. **Independent Study and Research.** Hours arranged. Not to be counted as credit toward a degree. Students actively working on a dissertation, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of dissertation but who are actively working on a dissertation, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
809. **Communication Seminar.** 3 hrs. A rotating seminar that addresses topics in the areas of radio-TV-film and journalism.
898. **Dissertation.** 3-12 hrs for a total of 12 hours.

## Mass Communication and Journalism

505. **Problems in Newspaper Production.** 3 hrs. Practical training in the production of student newspapers and advising of staffs.
507. **Theories of Mass Communication.** 3 hrs. An analysis of processes and effects of mass communication.
516. **Telecommunication Media Management.** 3 hrs. Examination of management responsibilities in broadcast radio and TV, cable TV, and other electronic media and media delivery systems.
521. **Public Relations.** 3 hrs. Introduction to the professional practice of public relations, emphasizing its function and process, publics, tools and media of communications, and professional ethics.
522. **Public Relations Writing and Publication Design.** 3 hrs. Prerequisites: 202, 312, 421/521. Concentrates on designing total public relations packages for public, business, and nonprofit organizations. Requires production of a publicity campaign.
524. **Public Opinion, Mass Communication, and Society.** 3 hrs. Explores the impact of mass communication and public relations on public opinion and examines the role of public opinion in the forming of policy and resolution of social issues.
525. **Telecommunication Media Research.** 3 hrs. Prepares students to utilize and evaluate professional telecommunication research services and to conduct elementary studies of media audiences.
526. **Public Relations Research.** 3 hrs. Prerequisite: JOU 421/521. Introduction to quantitative and qualitative methods of applied, basic, and evaluative research used in developing and managing public relations programs.
528. **Public and Press Relations Management.** 3 hrs. Emphasizes systematic analysis of clients and publics, formulation of goals and strategies, and multimedia communications. Evaluation of effectiveness and budget preparation included. Case studies and field project.
529. **Internship in Public Relations.** 3 hrs.
532. **Advertising Management and Sales.** 3 hrs. Prerequisite: RTF 330. A continuation of RTF 330, with emphasis upon case studies in advertising management and sales.
540. **Advanced Television Production.** 3 hrs. Prerequisite: RTF 340 or permission of instructor. Advanced topics in video post-production theory and practice.
547. **Television Production Workshop.** 2 hrs. Prerequisites: RTF 340 and 440 or permission of instructor. A flexible format course designed to serve the career objectives and needs of advanced students. The workshop may involve large or small group productions, individual projects, or some combinations.
548. **Seminar in Radio-TV.** 3 hrs. Prerequisite: Permission of instructor. Examination of a telecommunication topic. May be repeated with a different topic or combined with RTF 578 for a total of 6 credit hours.
549. **Television Criticism.** 3 hrs. Examines major genres and historical trends in television programming with emphasis on television criticism. Selected examples of programs will serve as models for practical television criticism.
550. **History of Journalism.** 3 hrs. Major events, issues, and personalities of American mass media examined within interdisciplinary framework. Historical relations of print media and public institutions emphasized.
551. **The Internet: The Online Electronic Medium.**

598. **British Studies in Photography.** 3-6 hrs. Lecture and research in British photography offered abroad under the auspices of the Center for International and Continuing Education.
599. **British Studies in Journalism.** 3-6 hrs. Lecture and research in British journalism offered abroad under the auspices of the Center for International and Continuing Education.
692. **Special Problems in Radio, Television, and Film.** 1-3 hrs. Prerequisite: Consent of instructor. The student analyzes a problem area and proposes a special course arrangement with a faculty member. Problems range from television and film productions to writing scripts and extensive research papers.

## **Master of Business Administration (MBA)**

500.

509. **Mathematical Foundations for Inservice Middle School Teachers.** 3 hrs. Intuitive geometry, integers, rational numbers, probability, graphing, metric system, word problems. (Does not count as program credit for M.S. in mathematics.)
510. **Mathematics for Teachers of Junior High School Mathematics.** 3 hrs. The real number system and major subsystems, introduction to algebra, informal geometry, consumer mathematics, and introduction to BASIC programming. (Open only to elementary and special education majors and does not count as program credit for M.S. in mathematics.)
515. **Introduction to Differential Equations II.** 3 hrs. Prerequisite: MAT 285. Systems of linear differential equations, characteristic equations, operator methods, approximating solutions, Laplace transforms.

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601. **Differential Geometry I.** 3 hrs. Prerequisite: Permission of instructor. An introduction to the theory of plane curves, space curves, and surfaces.
603. **Modern Algebra.** 3 hrs. Prerequisite: MAT 424 or 524. Simple groups, solvable groups, the Sylow theorems, presentations of groups, category terminology, introductory homological algebra.
605. **Ordinary Differential Equations.** 3 hrs. Prerequisite: MAT 285. Topics from the theory of ordinary differential equations. Specific topics to be selected by the instructor.
606. **Partial Differential Equations.** 3 hrs. Prerequisite: MAT 285. Dirichlet, Neumann, and mixed boundary value problems; classical techniques of solution of partial differential equations and applications.
610. **Numerical Linear Algebra.** 3 hrs. Prerequisites: MAT 326 and a knowledge of eigenvalues and eigenvectors. Theory and practice of matrix computations, matrix norms, singular value decomposition, linear systems, LU decomposition, QR decomposition, methods for eigenvalue problems.
629. **Applied Combinatorics and Graph Theory.** 3 hrs. Prerequisite: CSC 616 or permission of instructor. Combinatorial/graphical techniques for complexity analysis recurrence relations, Polya theory, NP complete problems. May also be taken as CSC 629.
636. **Functions of a Complex Variable.** 3 hrs. Prerequisite: MAT 280. Taylor and Laurent series, residue calculus, conformal mapping with applications, integral formulas of the Poisson type, analytic continuation.
641. **Functions of a Real Variable I.** 3 hrs. Prerequisite: MAT 442 or 542. Foundations of real analysis and introduction to Lebesgue integration.
642. **Functions of Real Variable II.** 3 hrs. Prerequisite: MAT 641. Continuation of MAT 641.
650. **Computer-Assisted Mathematics I.** 3 hrs. Prerequisite: Permission of instructor. Applications of computer algebra software to mathematical modeling. Modeling projects and experiments employing both numeric and symbolic computation using software such as DERIVE, Maple, and Mathematica. The laboratory setting and project format will permit investigations of a deeper nature than would be possible due to time constraints in a typical 3-hour lecture course. May be repeated for a maximum of 6 hours credit.
651. **Computer-Assisted Mathematics II.** 3 hrs. Prerequisite: Permission of instructor. Application of computer algebra software to data analysis, partial differential equations, statistics, nonlinear regression, and linear algebra. May be repeated for a maximum of 6 hours of credit.
657. **Dimensions of Learning in Mathematics I.** 3 hrs. Prerequisite: Admission to the Master of Arts in Teaching degree program. Broad introduction to the concepts, contexts, and practices of teaching, as well as specific instruction in secondary mathematics methods. This course includes a clinical supervision component.
658. **Dimensions of Learning in Mathematics Education II.** 3 hrs. Prerequisite: MAT 657. Continuation of MAT 657.
681. **Topics in Algebra I, II, III.** 3 hrs. Prerequisites: MAT 423 or 523, and permission of instructor. May be repeated for a maximum of 9 hours credit.
682. **Topics in Analysis I, II, III.** 3 hrs. Prerequisite: Permission of instructor. May be repeated for a maximum of 9 hours credit.
683. **Topics in Topology and Geometry I, II, III.** 3 hrs. Prerequisite: Permission of instructor. May be repeated for a maximum of 9 hours credit.
684. **Topics in Applied Mathematics I, II, III.** 3 hrs. Prerequisite: Permission of instructor. May be repeated for a maximum of 9 hours credit.
685. **Topics in Computational Mathematics I, II, III.** 3 hrs. Prerequisite: Permission of instructor. May be repeated for a maximum of 9 hours credit.
689. **Mathematics Seminar I, II.** 3 hrs. Prerequisite: Permission of instructor.
691. **Research in Mathematics.** 1-16 hrs.
697. **Independent Study and Research.** Hours arranged. Not to be counted as credit towards a degree. Students may enroll in this course to meet the continuous enrollment requirement.
698. **Thesis.** 1-6 hrs. for a total of 6 hrs.
720. **Mathematics for Scientific Computing I.** 3 hrs. Prerequisite: Permission of instructor. Numerical methods for the solution of matrix equations and for eigenvector/value finding techniques, including criteria for selection among available algorithms, are covered.
721. **Mathematics for Scientific Computing II.** 3 hrs. Prerequisite: MAT 720 or permission of instructor. Techniques for numerical interpolation and differentiation; techniques for the solution of ODEs and PDEs, including Runge-Kutta, Adams/Bashforth, spectral, and shooting methods.
771. **Functional Analysis for Computational Science.** 3 hrs. Prerequisites: MAT 442 or 542, and MAT 641. An introduction to functional analysis.
772. **Numerical Analysis for Computational Science.** 3 hrs. Prerequisites: MAT 610 and MAT 771. A comprehensive introduction to computational mathematics.

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773. **Signal Analysis for Computational Science.** 3 hrs. Prerequisite: MAT 771. The mathematical analysis of time series and signals.

**Mathematics Refresher and Enrichment Program (M-REP)**

584. **Calculus Review I.** 1-3 hrs. Prerequisite: Permission of instructor. A review of topics from single-variable 60.46 1 /s

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+510L. **Special Chemistry Laboratory.** 1 hr. Prerequisite: Admission to the practicum. Corequisite: MTC 510.

511. **Coagulation.** 1 hr. Prerequisite: Admission to the practicum or permission of the department. Corequisite: MTC 511L.







**Dissertation:**  
Major Professor: Grade of mE may be awarded

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875. **Major Solo Role in an Oratorio.** 1 hr. Prerequisites: Permission of music performance studies instructor and approval





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- 814, 815. **Flute.** 1-4 hrs.
- 817, 818. **Oboe.** 1-4 hrs.
- 820, 821. **Clarinet.** 1-4 hrs.
- 823, 824. **Saxophone.** 1-4 hrs.
- 826, 827. **Bassoon.** 1-4 hrs.
- 829, 830. **Horn.** 1-4 hrs.
- 832, 833. **Trumpet.** 1-4 hrs.
- 835, 836. **Trombone.** 1-4 hrs.
- 838, 839. **Euphonium.** 1-4 hrs.
- 841, 842. **Tuba.** 1-4 hrs.
- 844, 845. **Violin.** 1-4 hrs.
- 847, 848. **Viola.** 1-4 hrs.
- 850, 851. **Cello.** 1-4 hrs.
- 853, 854. **String Bass.** 1-4 hrs.
- 856, 857. **Percussion.** 1-4 hrs.
- 861, 862. **Voice.** 1-4 hrs.
- 864, 865. **Harp.** 1-4 hrs.
- 867, 868. **Guitar.** 1-4 hrs.
- 891, 892, 893. **Composition.** 1-3 hrs.
896. **Score Reading I.** 3 hrs. The basics of score reading will be covered by reading chorales, canons, and score study exercises at the keyboard. The French system of multiple clef reading and transpositions of all orchestral and band instruments is included.
897. **Score Reading II.** 3 hrs. Continued improvement of score reading skills through a study of clef and transposition studies along with reading 18th- and 19th-century orchestral and wind symphony works. Individually and collectively, students will demonstrate ability to read scores.

**Nursing (NSG)**

510. **Holistic Health: The Art and Science of Caring and Healing.** 3 hrs. Introduction to a holistic nursing theoretical perspective. Assorted complementary health practice and research; focus on self-awareness as a holistic practitioner.
519. **The Computer as a Nursing Tool.** 3 hrs. Exposure to the computer and examination of nursing applications.
522. **Professional Collaboration for Developmental Disability Services.** 3 hrs. Study of the interdependent contributions of relevant disciplines in training, service, and research.
536. **Hospice: Concept and Application.** 3 hrs. Explores concept and operationalization with emphasis on legislation, funding, referrals, and advocacy.
537. **Abusive Behavior.** 3 hrs. An interdisciplinary exploration of abusive behavior across the life span.
539. **Legal-Ethical Issues.** 3 hrs. Legal-ethical issues involved in nursing practice.
538. **Health Care Financing.** 3 hrs. Survey of health economics, finance theory, cost control, prospective reimbursement, and trends.
550. **Health Care of the Aged.** 3 hrs. Nursing and health care problems related to aged persons.
578. **Specialized Studies in Developmental Disabilities.** 1-6 hrs. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.
589. **Caribbean Studies: Health Care Delivery Systems.** 3 hrs. The course examines major issues relevant to the health care delivery system in the West Indies. The students will assess the level of health care delivery among various populations and groups.
591. **Austrian Studies: Variable Topics.** 3 hrs.
593. **Health Care of the Elderly in England.** 3 hrs. Resources for the elderly in United States and Great Britain. Attitudes and perceptions of elderly by British health care providers.
594. **Health Care in England.** 3 hrs. Comparison of health care systems in United States and England. Philosophies of health and nursing in a community are explored.
595. **Management and Economics of Health Care.** 3 or 6 hrs. United States and British health system, financing, administration, and nursing management.

596. **Nursing: The British Heritage.** 3 or 6 hrs. Evolvement of modern nursing in England within the context of international, social, economic, and political events.

632L. Psychiatric-Mental Health Nursing Practicum II. 286



797. **Independent Study and Research.** Hours arranged. Not to be counted as credit toward a degree. Students actively working on a dissertation, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of dissertation but who are actively working on a dissertation, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester. Grading is pass/fail.
891. **Special Topics Seminar.** 1-6 hrs. A seminar designed to integrate course content from nonnursing disciplines with the nursing emphasis area.
898. **Dissertation.** 1-12 hrs. The design and implementation of a research study or other scholarly work appropriate to the student's emphasis area, which will generate new nursing knowledge.

## Nutrition and Food Systems (NFS)

510. **Intermediate Nutrition.** 3 hrs. Prerequisites: NFS 362 and CHE 420. The study of specific nutrient effects on human metabolism. Roles of specific nutrients in metabolic pathways.
530. **Experimental Foods.** 3 hrs. Prerequisites: NFS 320, 320L, 362, and CHE 251, 251L. Study of selected nutritional, chemical, physical, and sensory properties of foods in relation to preparation procedures.
545. **Financial Management in Nutrition and Food Systems.** 3 hrs. This course is designed to teach financial management skills required in multiple nutrition and food service system settings.
553. **Maternal and Child Nutrition.** 3 hrs. Prerequisites: NFS 362 and BSC 250, 251. An examination of the role of nutrition in health, growth, and development during pregnancy, lactation, and childhood.
- +563. **Applied Community Nutrition.** 3 or 5 hrs. Prerequisite: NFS 453. Study of nutrition assessment methodology and resources available within the community.
- +567L. **Practicum in Dietetics.** 1-9 hrs. Prerequisite: Permission of the instructor. Application of dietetics in selected health care settings.
568. **Environmental Nutrition.** 2 hrs. Prerequisite: NFS 362. Food safety principles, the Hazard Analysis Critical Control Point System, microbiology of food safety, and infection control.
570. **The School Lunch.** 3 hrs. An in-depth study of the history, legislation, regulations, philosophy, and neep1 Tc (acznch.)Tj8P (met (met .)Tj /F2 7.5 Tf 71 t5lisite: Per6Prernal and e



676. **Seminar in Institution Management.** 3 hrs. May be repeated for a total of 6 hours.
690. **Current Topics in Child Nutrition Programs.** 3 hrs. This course will acquaint students with current issues and topics related to the management of USDA child nutrition programs.
691. **Research in Food and Nutrition.** 1-16 hrs.
692. **Special Problems in Nutrition.** 1-4 hrs.
693. **Readings in Nutrition and Food Systems.** 1 hr. Recent developments in research related to nutrition and food systems. May be repeated for a total of 3 hrs.
694. **Current Topics in Food Service Management.** 1-6 hrs. Prerequisite: Permission of instructor. Study of a current problem in food service management. May be repeated for credit.
697. **Independent Study and Research.** Hours arranged. Not to be counted as credit toward a degree. Students actively working on a thesis, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of thesis but who are actively working on a thesis, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
698. **Thesis.** 1-6 hrs. for a total of 6 hrs. maximum. Credit deferred until thesis is completed.
703. **Research Techniques for Nutrition and Food Systems.** 3 hrs. Prerequisites: REF 601 and 602 or CHS 540 and 623. The research process in nutrition and foodservice management with an emphasis on designing research projects and interpreting findings.
711. **Macronutrients.** 3 hrs. Prerequisites: Pathophysiology, nutrition, and foodservice management. This course covers the study of macronutrients (carbohydrates, proteins, and fats) and their role in human health and disease. Topics include energy metabolism, nutrient requirements, and the impact of diet on chronic diseases. 3 hrs. 16 Time of this course is taught 3D 0 Tc (5s. 1j) 0E1C 6w(697)

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815. **Nutrition Support.** 3 hrs. Prerequisite: NFS 730. A detailed study of the methods of feeding the stressed patient in relation to disease state and route of feeding.

817. **Advances in Nutrition and Foodservice Management Education.** 3 hrs. Analysis of the impact of societal and professional issues on nutrition and foodservice management education.

820. **Theories in Nutrition and Food Systems Research.** 3 hrs. Theories in Nutrition and Food Systems Research. 3.2 cofehu5con2529ories in Nutribaeal-0EthTys e rnd oso





511. **Research in Political Science.** 3 hrs. An introduction to the theory and practice of political research.

512. **Political Analysis.** 3 hrs. An introduction to the theory and practice of political analysis.

520. **Political Theory Plato to Machiavelli.** 3 hrs. Examines major thinkers from 500 B.C. to 1500 A.D. Includes—in addition to Plato and Machiavelli—Aristotle, Augustine, and Aquinas, and topics such as Feudal political theory and the theory of the state.

- on a thesis, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.
698. **Thesis.** 1-6 hrs. for a total of 6 hrs.
700. **Seminar in United States Government.** 3 hrs. Prerequisite: Course in American national, state, and local government or consent of instructor. May be taken twice for credit.
721. **Seminar in Political Theory.** 3 hrs. May be taken twice for credit.
730. **Seminar in United States Foreign Relations.** 3 hrs. Prerequisite: Another course in United States foreign policy or history of United States foreign policy or permission of instructor. A survey of current United States foreign policies and problems. May be taken twice for credit.
731. **Seminar in International Relations.** 3 hrs. May be taken twice for credit. A survey and analysis of classical and modern world politics.
750. **Seminar in Comparative Government and Politics.** 3 hrs. Prerequisite: One or more courses in comparative government or permission of the instructor. A research-type course in which each student will perform an intensive study of the political institutions of one country, or of a group of countries having similar governments. May be taken twice for credit.
770. **Seminar in Public Administration.** 3 hrs. Course focuses on the modern liberal administrative state. This state is analyzed for its political-philosophical origins. May be taken twice for credit.
781. **Seminar in Public Law.** 3 hrs. Prerequisite: A course in constitutional law or consent of the instructor. A research course in which the students examine in-depth various aspects of the judicial system and its relationship to other elements in the political process. May be taken twice for credit.
799. **British Studies: Advanced Seminar in British Politics.** 3-6 hrs. Lecture series and research in British politics offered abroad under the auspices of the Center for International and Continuing Education.

## Polymer Science (PSC) (Please see Forensic Science-FSC)

510. **Safety Principles and Procedures in the Chemical Sciences.** 1 hr. Common laboratory hazards and their remediation.
550. **Polymer Characterization.** 3 hrs. Macromolecular chemical structure and morphological characterization using state-of-the-art spectroscopic techniques and methods
- 550L. **Laboratory for PSC 550.** 1 hr.
570. **Surface Coatings.** 4 hrs. Study of the physical and chemical properties of the pigments, binders, solvents, and additives employed in surface coatings formulations, paint formulation, dispersion techniques, surface preparation, paint testing, nonpolluting application techniques, and surface coatings formulations analysis.
- 570L. **Laboratory for PSC 570.** 1 hr.
691. **Research in Polymer Science.** 1-16 hrs. May be repeated.
697. **Independent Study and Research.** Hours arranged. Not to be counted as credit toward a degree. Students actively working on a thesis, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of thesis, but who are actively working on a thesis, consulting with the major professor, or using other resources of the university, must enroll in this course for at least 3 hours each semester.
698. **Thesis.** 1-6 hrs. for a total of 6 hrs.
701. **Organic Polymer Chemistry I.** 3 hrs. Reaction mechanisms, polymer concepts, step-growth polymerization, and polymer reactivity.
702. **Organic Polymer Chemistry II.** 3 hrs. Kinetics, free radical reaction mechanisms, homogeneous chain growth polymerization of vinyl compounds, copolymerization, and degradation of polymers.
703. **Organic Polymer Chemistry III.** 3 hrs. Methods of studying stereochemistry of polymers, anionic and cationic

730. **Polymer Rheology.** 2 hrs. The elastic and viscosity properties of polymer solutions and melts will be studied from a molecular and engineering perspective.
740. **Polymer Kinetics.** 2 hrs. Introduction to polymerization kinetics.
789. **Polymer Science Seminar.** 1 hr. May be repeated each semester while in residence.
791. **Research.** Hrs. arr. 1-16 hrs. May be repeated.
797. **Independent Study and Research.** Hours arranged. Not to be counted as credit toward a degree. Students actively working on a dissertation, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of dissertation, but who are actively

526. **Behavioral Neurosciences.** 3 hrs. Prerequisite: PSY 110. Relationship between physiological functions and behavior.
- 527L. **Laboratory Techniques in Behavioral Neuroscience.** 3 hrs. Prerequisite: Permission of instructor. Experimental techniques in neurophysiology, neuropharmacology, and behavioral research. (May be taken as BSC 556L.)
532. **Behavioral Interventions.** 3 hrs. An introduction to behavioral interventions as applied to normal and deviant behavior across different environmental settings.
536. **Abnormal Psychology.** 3 hrs. Prerequisite: Permission of the instructor. Study of the major psychoses, and psychoneuroses, and mental deficiency.
550. **Social Psychology.** 3 hrs. Prerequisite: PSY 110. Study of the individual in group situations, and the influence of the social environment on behavior and development.
552. **Sleep and Behavior.** 3 hrs. Prerequisite: Permission of instructor. A study of sleep and behavior from the perspective of the major disciplines within psychology.
554. **Cetacean Behavior and Cognition.** 3 hrs. A comprehensive review of the literature on the behavior, communication, and cognitive abilities of whales and dolphins.
555. **Psychology of Personality.** 3 hrs. A study of the factors involved in the development of the mature personality.
556. **Psychology of Aging and Death.** 3 hrs. Study of problems and attitudes concerning aging and death.
557. **Psychology of Religion.** 3 hrs. Prerequisite: PSY 110. An examination of modern psychological perspectives on religious beliefs, experiences, and practices.
560. **Advanced Data Analysis.** 3 hrs. Prerequisite: PSY 360. The conceptual foundations of statistical procedures commonly used in behavioral research will be extensively reviewed. Use of statistical packages will be a major focus.
578. **Specialized Studies in Developmental Disabilities.** 1-6 hrs. Specialized study and skill acquisition in the area of developmental disabilities. Topics vary.
582. **Moral Value Development in Childhood and Adolescence.** 3 hrs. A study of the major theories of moral development and techniques for facilitating moral growth.
596. **Families of the Developmentally Disabled.** 3 hrs. Interdisciplinary approach to the study of families of the developmentally disabled.
597. **Professional Collaboration for Developmental Disability Services** 3 hrs. Study of the interdependent contributions of relevant disciplines in training, service, and research.
599. **British Studies.** 3-6 hrs. Lecture and research on variable topics. Offered in Great Britain through the Southern Miss Center for International and Continuing Education.
607. **Ethics and Current Issues in Psychology.** 3 hrs. Permission of instructor. Professional ethics and current issues and trends related to the teaching, research, and practice of psychology.
609. **Contemporary Topics in Psychology.** 3 hrs. Permission of instructor. A study of current topics in psychology.

















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533. **Developing Language Skills with the Hearing Impaired.** 3 hrs. Presents development of language by hearing impaired children.
536. **Developing Reading in the Hearing Impaired.** 3 hrs. Prerequisite: SHS 433 or permission. The reading process, diagnostic-prescriptive teaching, and evaluation of reading skills are discussed.
538. **Problems in Academic Subjects for the Hard-of-Hearing and Deaf.** 3 hrs. Prerequisites: SHS 433, 434, 436. Stresses the need for continuous, consistent and coordinated academic programs.
597. **Professional Collaboration for Developmental Disability Services.** 3 hrs. Study of the interdependent contributions of relevant disciplines in training, service, and research.
598. **Families of the Developmentally Disabled.** 3 hrs. Interdisciplinary approach to the study of families of the developmentally disabled.
599. **British Studies: Comparative Problems in Speech and Hearing Sciences.** 3-6 hrs. Offered abroad under the auspices of the Center for International and Continuing Education.
601. **Designs in Research for Speech and Hearing.** 3 hrs. Statistical procedures concerning group and single-subject designs.
602. **Current Topics in Speech and Hearing Sciences.** 3 hrs. Varies each time the course is offered.
621. **Hearing Aids.** 3 hrs. Prerequisite: SHS 221 or permission. Presents components of electroacoustic characteristics of hearing aids and their use.
623. **Clinical Audiology II.** 3 hrs. Prerequisite: SHS 528 or permission. Special auditory tests used to determine the site of lesion of hearing loss.
625. **Audiological Instrumentation.** 3 hrs. Prerequisite: SHS 221 or permission. Covers basic electronics, auditory function measurements, research, and computer use.
633. **School Curricula for the Hearing Impaired.** 3 hrs. Prerequisites: SHS 433, 436, 437. Curricula analysis and review are stressed (majors only).
641. **Medical Diagnosis and Treatment of Speech and Hearing Pathologies.** 1-4 hrs. Prerequisite: Permission. Provides opportunities for observation of operations on the auditory or speech mechanism.
642. **Communication Problems of the Aged.** 3 hrs. Prerequisite: Permission. Reviews changes in speech, language, and hearing associated with aging; presents rehabilitative strategies used with the population.
643. **Evaluation and Treatment of Dysphagia in Adults.** 3 hrs. Prerequisite: Permission of instructor. Covers the speech-language pathologist's role in the diagnosis and treatment of swallowing disorders in adults.
644. **Augmentative Communication.** 3 hrs. Methods for providing communication ability using augmentative communication devices and procedures to persons unable to speak.
646. **Multicultural Language Issues.** 3 hrs. Presents information about speech and language development and disorders from a multicultural perspective.
648. **Motor Speech Disorders.** 3 hrs. Covers evaluation and treatment of motor speech disorders associated with lesions of the central nervous system.
650. **Traumatic Brain Injury and Communication Disorders.** 3 hrs. Covers evaluation and treatment of speech and language disorders resulting from traumatic brain injury and neurological disease.
87. **Practicum in Speech-Language Pathology.** 1-9 hrs. Prerequisites: Regular full-time graduate status and permission. Students participate in diagnosis and treatment of children and adults with speech-language disorders.
688. **Practicum in Audiology.** 1-9 hrs. Prerequisites: Regular graduate admission and permission. Students participate in diagnosis and treatment of children and adults with hearing disorders.
689. **Practicum in Education of the Deaf.** 1-9 hrs. Prerequisites: Regular graduate admission and permission. Students participate in habilitative and learning activities with deaf children and adults.
690. **Clinical Experience in Speech and Hearing.** 1-6 hrs. Prerequisite: SHS 532. This course is designed to provide clinical experience for non-degree students or those enrolled in a non-speech and hearing sciences degree program.
692. **Special Problems.** 1-6 hrs. Prerequisite: Permission. Students completing Plan B paper should register for 3 hours.
694. **Off-Campus Practicum in Speech and Hearing Sciences.** 1-9 hrs. Prerequisite: Permission. Students are assigned to medical, institutional, private practice, or clinical settings for supervised experience.
695. **Student Teaching Off-Campus Practicum.** 1-9 hrs. Prerequisite: Permission. Students participate in supervised management of speech-language impaired school children.
697. **Independent Study and Research.** Hours arranged. Not to be counted as credit toward a degree. Students actively working on a thesis, consulting with the major professor, or using other resources of the university may enroll in this course. Students who are not in residence and are not enrolled in at least 3 hours of thesis but who are actively working on a thesis, consulting with the major professor, or using other resources of the university must enroll in this course for at least 3 hours each semester.

698. **Thesis.** 3-6 hrs. for a total of 6 hrs.

701. **Seminar in Psychoacoustics.** 3 hrs. Presents methods for studying perception of acoustic signals, detection of stimuli, perception of loudness, and pitch.

702. **Seminar in Language Problems.** 3 hrs. Language pathologies, evaluation procedures, and treatment methods are studied.

703. **Quantitative Methods in Hearing Research.** 3 hrs. This course covers the basic principles of hearing research, including the use of psychophysical methods, signal processing, and statistical analysis. Topics include: hearing thresholds, audiometric procedures, and the use of hearing aids. Prerequisites: PSY 463, PSY 464, and PSY 465.

711. **Seminar in Aphasia.** 3 hrs. This course covers the basic principles of aphasia, including the use of psychophysical methods, signal processing, and statistical analysis. Topics include: hearing thresholds, audiometric procedures, and the use of hearing aids. Prerequisites: PSY 463, PSY 464, and PSY 465.

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605. **Interpersonal Communication.** 3 hrs. A comparative approach to the study of interpersonal communication theories and methods.

609. **Speech Communication Seminar.** 3 hrs. A rotating seminar that addresses topics in speech communication.

610. **Problems in Organizational Communication.** 3 hrs. Analysis of work organizations as communication networks.

Emphasis on identification, analysis of selected problems, consultation methods, and administration of the study of interpersonal communication.





698. **Thesis.** 1-6 hrs. for a total of 6 hrs. Credit deferred until thesis is completed.
701. **Supervision of Vocational and Technical Education.** 3 hrs. A study of the problems of local directors and supervisors of vocational and technical education.
702. **Individualized Instruction in Vocational Technical Education.** 3 hrs. Foundations, principles, and techniques of teaching knowledge and skills on an individual basis.
703. **Contemporary Vocational and Technical Education Programs.** 3 hrs. A comparative analysis of contemporary and emerging programs in vocational education.
704. **Vocational Guidance and Placement.** 3 hrs. An overview of careers available through vocational and technical education, methods of student identification placement, and follow-up.
794. **Field Problem in Industrial and Vocational Education.** 3 hrs. Prerequisites: REF 601, REF 702, and approval of the major professor.
798. **Specialist Thesis.** 6 hrs. Utiliz<sup>~</sup> |osearch and professional knowledge in the solution of a practical educational problem. Scholarly paper required.

### Theatre (THE)

501. **Costume Design.** 3 hrs. Prerequisite: Permission of instructor. Costume design in theatrical production.
510. **Stage Sound Engineer<sup>~</sup>.** 3 hrs. Prerequisite: Permission of instructor. Design in theatrical production.





692. **Topics in Workforce Training and Development.**



## Officers of Administration

SHELBY FRELAND THAMES, B.S., M.S., Ph.D.....President  
 DARRELL JAY GRIMES, B.A., M.A., Ph.D., .....Provost, Vice President for Academic Affairs  
 CECIL D. BURGE, B.S., M.S., Ph.D.....Vice President for Research and  
 Economic Development  
 GREGG E. LASSEN, B.A., M.B.A., J.D. ....Chief Financial Officer  
 JOSEPH SCOTT PAUL, B.S., M.S., Ph.D.....Vice President for Student Affairs  
 RICHARD GIANNINI, B.S., M.S. ....Director of Intercollegiate Athletics

## Academic Deans

ELLIOTT A. POOD, B.A., M.A., Ph.D. ....Dean of the College of Arts and Letters  
 D. HAROLD DOTY, B.A., M.B.A., Ph.D. ....Dean of the College of Business  
 W. LEE PIERCE, JR., B.S.E., M.Ed., Ed.D. ....Dean of the College of  
 Education and Psychology  
 PETER J. FOS, M.44ETER J. FOS, M.44ETER J. FOS, M.44ETER J. FOS, M.4...R J. FOESf the College of Business  
 Education and Psychology

## Graduate Council

### Officers of the Council

Susan C. Ross, Ph.D. ....	Chair
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Susan A. Siltanen, Ph.D. ....	Corresponding Secretary
Greg Pierce, M.Ed. ....	Recording Secretary
Susan A. Siltanen, Ph.D. ....	Parliamentarian



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## GRADUATE FACULTY

ADAM, GARY W., Assistant Director of University Bands and Assistant Professor of Music. B.MEd., M.MEd., The University of Southern Mississippi; D.M.A., University of South Carolina.



- BURGESS, CLIFFORD, Associate Professor of Computer Science and Statistics. B.A., Open University (Milton Keynes, England); M.S., Ph.D., North Texas State.
- BURNETT, JOANNE E., Associate Professor of French. B.A., Central Methodist College; M.A., University of Illinois; Ph.D., Pennsylvania State University.
- BUSHARDT, STEPHEN CHRISTIAN, Professor of Management. B.S.B.A., M.B.A., University of South Carolina; D.B.A., Mississippi State University.
- BUTKO, PETER, Associate Professor of Chemistry and Biochemistry. M.S., Doctor of Natural Sciences, Komensky University; Ph.D., Joseph Attila University, Hungary.
- BUTLER, DAVID, Assistant Professor of Economic Development. B.A., M.S., Texas A & M University; Ph.D., University of Connecticut.
- BUTTS, MARY JANE, Associate Professor of Nursing. B.S., The University of Southern Mississippi; M.S.N., University of Mississippi; D.S.N., University of Alabama at Birmingham.
- CAMPBELL, JINX, Assistant Professor of Coastal Sciences. B.S., Ph.D., University of Portsmouth, U.K.
- CANNON, GORDON CLAUDE, Professor of Chemistry and Biochemistry. B.S., Ph.D., Clemson University.
- CAPPER, DANIEL JR., Assistant Professor of Philosophy and Religion. B.A., M.A., University of Virginia; Ph.D., University of Chicago.
- CARLIN, MARGARET FRANCES, Professor of Speech and Hearing Sciences. B.A., Cornell University; M.S., University of Pittsburgh; Ph.D., Wichita State University.
- CARR, JON C., Assistant Professor of Marketing. B.B.A., M.B.A., Ph.D., Mississippi State University.
- CARTEE, CHARLES P., Professor of Finance. B.S., Mississippi College; M.A., Memphis State University; Ph.D., The University of Southern Mississippi.
- CARTER, GEORGE HENRY III, Chair of Department of Economics, Finance and International Affairs and Professor of Economics. B.S., M.S., The University of Southern Mississippi; Ph.D., Texas A&M University.
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# NOTES

