

THE UNIVERSITY OF MISSISSIPPI

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**FALL 2009**  
**UNDERGRADUATE**  
**CATALOG**



BULLETIN OF THE UNIVERSITY OF MISSISSIPPI

# **The University of Mississippi Fall 2009 Undergraduate Catalog**

**161st year/158th session**

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The policies and regulations of the *Fall 2009 Undergraduate Catalog* take effect with the registration procedures for the fall 2009 semester. Policies regarding changes in the university's curricula are discussed in the chapter on Academic Regulations.

This catalog is not a contract, but rather a guide for the convenience of students. The University of Mississippi reserves the right to 1) change or withdraw courses; 2) change the fees, rules, and schedules for admission, registration, instruction, and graduation; and 3) change other regulations affecting the student body at any time. Implicit in each student's enrollment with the university is an agreement to comply with university rules and regulations, which the university may modify to exercise properly its educational responsibility.

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# ACADEMIC STRUCTURE AND DEGREES OFFERED

## Undergraduate Divisions

### COLLEGE OF LIBERAL ARTS

Department and Programs	Major	Degree
<b>Aerospace Studies</b>	Aerospace Studies	(minor only)
<b>African American Studies</b>	African American Studies	B.A.
<b>Art</b>	Art (studio)	B.A., B.F.A.
	Art History	B.A.
<b>Biology</b>	Biological Science	B.A., B.S.
<b>Chemistry and Biochemistry</b>	Biochemistry	B.A. (no minor)
	Chemistry	B.A., B.S.
	Forensic Chemistry	B.S. (no minor)
<b>Classics</b>	Classics	B.A.
<b>Economics</b>	Economics	B.A.
<b>English</b>	English	B.A.
<b>Environmental Studies</b>	Environmental Studies	(minor only)
<b>History</b>	History	B.A.
<b>Gender Studies</b>	Gender Studies	(minor only)
<b>International Studies</b>	International Studies	B.A.
<b>Journalism</b>	Journalism	B.A.
<b>Liberal Arts</b>	Liberal Studies	B.A. (no minor)
<b>Mathematics</b>	Mathematics	B.A., B.S.
<b>Military Science</b>	Military Science	(minor only)
<b>Modern Languages</b>	Chinese	B.A.
	French	B.A.
	German	B.A.
	Italian	(minor only)
	Japanese	(minor only)
	Linguistics	B.A.
	Portuguese	(minor only)
	Russian	(minor only)
	Spanish	B.A.
<b>Music</b>	Music	B.A., B.M.
<b>Naval Science</b>	Naval Science	(minor only)
<b>Philosophy and Religion</b>	Philosophy	B.A.
	Religious Studies	B.A.
<b>Physics and Astronomy</b>	Physics	B.A., B.S.
<b>Political Science</b>	Political Science	B.A.
<b>Pre-health Professions</b>	Clinical Laboratory Science	B.S. (no minor)
	Cytotechnology	B.S. (no minor)
	Dental Hygiene	B.S. (no minor)
	Health Informatics and Information Management	B.S. (no minor)
	Medical Technology	B.S. (no minor)
	Nursing	B.S. (no minor)
	Occupational Therapy	B.S. (no minor)
	Radiologic Sciences	B.S. (no minor)
<b>Psychology</b>	Psychology	B.A.
<b>Public Policy Leadership</b>	Public Policy Leadership	B.A.
<b>Renaissance and Early Modern Studies</b>	Renaissance and Early Modern Studies	(minor only)
<b>Sociology and Anthropology</b>	Anthropology	B.A.
	Sociology	B.A.
<b>Southern Studies</b>	Southern Studies	B.A.
<b>Theatre Arts</b>	Theatre Arts	B.A., B.F.A.

### Other Degree Programs Offered from Departments Outside College of Liberal Arts

Accountancy	(minor only)
Business Administration	(minor only)
Computer Science	B.A.
Engineering	(minor only)
Geology	B.S.
Park and Recreation Management	(minor only)

### PATTERSON SCHOOL OF ACCOUNTANCY

Department	Major	Degree
Accountancy	Accountancy	B.Accy.

### SCHOOL OF APPLIED SCIENCES

Department	Major	Degree
<b>Communication Sciences &amp; Disorders</b>	Communication Sciences & Disorders	B.S.
<b>Family and Consumer Sciences</b>	Dietetics and Nutrition Hospitality Management	B.S.D.N. B.S.H.M.
<b>Health, Exercise Science and Recreation Management</b>	Exercise Science Park and Recreation Management	B.S.E.S. B.A.P.R.M.
<b>Intelligence and Security Studies</b>		minor only
<b>Legal Studies</b>	Criminal Justice Paralegal Studies	B.S.C.J. B.P.S.
<b>Social Work</b>	Social Work	B.S.W.

### SCHOOL OF BUSINESS ADMINISTRATION

Majors	Degree
Banking and Finance	B.B.A.
Economics	B.B.A.
Managerial Finance	B.B.A.
Real Estate	B.B.A.
Management	B.B.A.
Marketing	B.B.A.
Marketing Communications	B.B.A.
Management Information Systems	B.B.A.
Risk Management and Insurance	B.B.A.

## SCHOOL OF EDUCATION

Department	Major	Degree
<b>Curriculum and Instruction</b>	Elementary Education	B.A.E.
	Secondary Education	*B.A.E.
	Special Education	B.A.E.

\* With emphases in English, math, science and social studies education.

## SCHOOL OF ENGINEERING

Department	Major	Degree
<b>Chemical Engineering</b>	Chemical Engineering	B.S.Ch.E.
	Civil Engineering	B.S.C.E.
<b>Civil Engineering</b>	Civil Engineering	B.S.C.E.
	Computer and Information Science	B.S.C.S.
<b>Electrical Engineering</b>	Electrical Engineering	B.S.E.E.
	Engineering	B.E.
<b>Geology and Geological Engineering</b>	Geological Engineering	B.S.G.E.
	Mechanical Engineering	B.S.M.E.

## SCHOOL OF PHARMACY

Department	Major	Degree
<b>Pharmacy</b>	Pharmaceutical Sciences	B.S.
<b>Pharmacy</b>	Pharmacy	Pharm.D.

## Special Areas and Emphases

### Art

- Ceramics
- Graphic/Web Design
- Imaging Arts
- Painting
- Printmaking
- Sculpture

### Business Administration

- Behavioral Management
- Corporate Finance
- Human Resource Management
- Investment Analysis
- Marketing Communications-Broadcast Management
- Marketing Communications-Magazine Publishing
- Marketing Communications-Newspaper Management
- Marketing Communications-Public Relations and Reputation Management

### Communication Sciences and Disorders

- Speech-Language Pathology

### Chemistry

- Teaching Certification

### Classics

- Greek
- Latin
- Classical Civilization

### Education

- Elementary Education
- Secondary Education
- Special Education

### Health Professions

- Pre-clinical Laboratory Science
- Pre-cytotechnology
- Pre-dentistry
- Pre-dental Hygiene
- Pre-health Information Management
- Pre-medicine
- Pre-nursing
- Pre-occupational Therapy
- Pre-optometry
- Pre-physical Therapy
- Pre-veterinary Medicine

### Journalism

- Broadcast Journalism
- Magazine Service Journalism
- News-editorial Journalism
- Public Relations

### Mathematics

- Teaching Certification

### Music

- Music Education
- Music History
- Music Performance

### Pharmaceutical Sciences

- Drug Discovery and Development (Pharmacognosy)
- Medicinal Chemistry
- Pharmaceutical Marketing/Management
- Pharmaceutics
- Pharmacology/Toxicology

### Pharmacy

### Philosophy and Religion

- Philosophy
- Religious Studies

### Physics

- Teaching Certification

### Theatre

- Acting
- Design and Technology
- Musical Theatre

# GRADUATE AND PROFESSIONAL SCHOOLS

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## THE GRADUATE SCHOOL

<b>Divisions</b>	<b>Areas of Study</b>	<b>Degrees</b>	
<b>Liberal Arts</b>	Anthropology	M.A.	
	Art	M.F.A.	
	Biological Science	M.S., Ph.D.	
	Chemistry	M.S., D.A., Ph.D.	
	Economics	M.A., Ph.D.	
	English	M.A., M.F.A., Ph.D.	
	History	M.A., Ph.D.	
	Journalism	M.A.	
	Mathematics	M.A., M.S., Ph.D.	
	Modern Languages	M.A.	
	Music	M.M., Ph.D.	
	Philosophy	M.A.	
	Physics	M.A., M.S., Ph.D.	
	Political Science	M.A., Ph.D.	
	Psychology	M.A., Ph.D.	
	Sociology	M.A.	
	Southern Studies	M.A.	
	Teaching English as a Second Language	M.A.	
	<b>Accountancy</b>	Accountancy	M.Accy., Ph.D.
		Taxation	M.Tax.
<b>Applied Sciences</b>	Communication Sciences and Disorders	M.S.	
	Criminal Justice	M.S.	
	Exercise Science	M.S., Ph.D.	
	Food and Nutrition Services	M.S.	
	Health Promotion	M.S.	
	Park and Recreation Management	M.A.	
	Social Work	M.S.W.	

<b>Business Administration</b>	Business Administration	M.B.A.
	Business Administration Curriculum and Instruction	Ph.D.
<b>Education</b>	Educational Leadership	M.A., M.Ed., Ed.S., Ed.D., Ph.D.
	Counselor Education	M.Ed., Ed.S., Ph.D.
<b>Engineering Pharmacy</b>	Higher Education/Student Personnel	M.A., Ph.D.
	Engineering Science	M.S., Ph.D.
	Pharmaceutical Sciences	M.S., Ph.D.

## THE SCHOOL OF LAW

<b>Divisions</b>	<b>Major</b>	<b>Degrees</b>
<b>Law</b>	Law	J.D., J.D./M.Tax., J.D./M.Accy.

# Overview of The University of Mississippi

## THE PURPOSE OF THE UNIVERSITY

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A university is a community of men and women devoted to the preservation, increase, and application of knowledge. As a major research university, The University of Mississippi is dedicated to the service of Mississippi and the nation through the three-fold functions of **teaching, research, and public service.**

**Teaching** • Undergraduate students develop intellectual keenness and imagination, clarify spiritual and ethical values, and acquire the knowledge and skills necessary for an effective life of service in the complex society of our time. Advanced students lay the scholarly foundations for the practice of their professions, while others prepare to carry on the traditions of learning as scholars and scientists.

**Research** • A true university is not content merely to preserve and transmit the fund of knowledge and ideas received from the past. Its faculty and students together push forward the frontiers of knowledge in all branches of the sciences and arts. They study and evaluate the great ideas and beliefs of world civilization. No significant problem of the state or nation is remote from the university's concern.

**Public Service** • The knowledge and research skills of the faculty and staff are available, on the campus and throughout the state, to aid public officials and private citizens in solving their practical problems.

**Barnard's Vision for the University** • In 1858 Chancellor Frederick A.P. Barnard laid before the board of trustees and the people of the state a plan for The University of Mississippi that still embodies its principal concerns and valid goals. He proposed "a university in the largest acceptation of that term . . . an institution in which the highest learning is taught in every walk of human knowledge." Its purpose was "the high and noble work of training immortal minds to vigor and capacitating them for usefulness." Barnard saw that "the university is destined to act, invisibly it may be sometimes, but always powerfully, in every county, district, and neighborhood in the State. [Only] a fraction of the people will receive their personal instruction within the university halls, yet all, without exception, will be partakers of the benefits of which the university is the fountainhead and central source." Its destiny is "to do more than any other single cause to stamp upon the intellectual character of Mississippi the impress it is to wear, to determine the respectability of the State in the eyes of mankind, to stimulate her industry, to multiply the sources of her material wealth, to elevate and purify the tastes of her people, to enlarge their capacities for happiness, and to enable them to fill up those capacities by supplying them with continually growing means of rational enjoyment."

**Intellectual Freedom** • The University of Mississippi is a community of teachers and students bound together by a common love for learning and by their cooperative efforts to preserve and increase our intellectual heritage. Good learning increases, minds are creative, and knowledge is turned to useful purposes when men and women are free to question, free to seek answers, free to learn, and free to teach. The university therefore supports and defends intellectual and academic freedom.



## MISSION STATEMENT

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### VISION

The University of Mississippi strives to be a great, comprehensive, public institution of higher learning.

### MISSION

The University of Mississippi is a public, comprehensive, research institution that exists to enhance the educational, economic, health-care, social, and cultural foundations of the state, region, and nation. As the oldest public institution of higher learning in the state and as a Carnegie Research University (high research activity), the institution's primary functions are the creation, dissemination, and application of knowledge through a variety of undergraduate, graduate, and professional programs and public-service activities. The university's main campus at Oxford emphasizes a traditional, residential educational experience, with a central College of Liberal Arts and professional schools of Accountancy, Applied Sciences, Business Administration, Education, Engineering, Law, and Pharmacy. Through its breadth of academic and research programs and its strong liberal arts tradition, the Oxford campus serves the educational needs of the entire state and also attracts a high percentage of out-of-state students. The university's regional campuses in Tupelo and Southaven emphasize professional offerings and serve adult and traditional learners in North Mississippi. The University of Mississippi Medical Center in Jackson includes the University Hospitals and Clinics as well as schools of Medicine, Nursing, Health Related Professions, Dentistry, and Graduate Studies.

The university educates students to assume leadership roles in the state, nation, and world through its nationally recognized programs of undergraduate, graduate, and professional study. Its teaching, research, and service missions are characterized by equal access and equal opportunity to all who qualify.

### COMMITMENTS

**Teaching:** The university will provide excellent, student-centered academic and co-curricular programs. Our goal is to produce graduates who have the breadth and depth of knowledge to be lifelong learners, to be successful in their discipline, and to be good citizens. Instruction builds upon a central College of Liberal Arts, the foundation of the institution, with its programs through the doctorate in the natural sciences, humanities, social sciences, and the arts. Our professional schools provide programs, including continuing education programs, for preparing the following: K-12 and higher education teachers and administrators; lawyers and legal professionals; engineers in a variety of specialty areas; accountancy and business professionals; pharmacists and pharmaceutical science researchers, health-care and applied human sciences professionals. Academic programs also include the Sally McDonnell Barksdale Honors College, the Lott Leadership Institute, and the Croft Institute for International Studies. The Medical Center programs train health-care professionals at the first professional, graduate, and postgraduate levels.

**Research:** The university will produce research and scholarship that is nationally recognized and supports the economic, health-care, and cultural development of the state, the region, and the nation. The mission to generate new knowledge extends to the sciences, humanities, social sciences, engineering, business, accountancy, applied

sciences, educational pedagogy, biomedical sciences, and health-care areas. Research centers of national prominence include the National Center for Natural Products Research, the Center for Pharmaceutical Marketing and Management, the National Center for Physical Acoustics, the Center for the Study of Southern Culture, the National Center for Computational Hydroscience and Engineering, the National Center for Justice and the Rule of Law, the National Remote Sensing, Air and Space Law Center, and the National Institute for Undersea Science and Technology in Oxford, and the Jackson Heart Study, the Center for Excellence in Cardiovascular-Renal Research, and the Center for Excellence in Women's Health at the Medical Center.

**Service:** The university will be a leader in providing service to the public, through the application and dissemination of its expertise and knowledge, in Mississippi, the region, and the nation. This public service function is fulfilled through a variety of outreach programs involving almost all academic disciplines and extending across Northern Mississippi, with branch campuses in Tupelo and Southaven, and reaching statewide and beyond in some cases. Prominent among our service/outreach programs are the Barksdale Reading Institute, the National Food Service Management Institute, and the William Winter Institute for Racial Reconciliation. The Medical Center seeks to raise the health level of Mississippians by providing exemplary patient care and by responding to community needs through continuing health-care education, outreach programs, and cooperative partnerships.

Additionally, the university is committed to

- developing diverse campuses that recognize and promote the value of individual differences;
- providing the highest quality educational support services and modern health-care technologies to enhance the learning and patient care environments;
- maintaining efficient and effective administrative services to support its basic functions;
- supporting and developing a highly qualified faculty and staff; and
- leveraging its strengths and expertise by developing interdisciplinary programs within the institution and partnerships with other IHL institutions for the benefit of the university and the state.

## **HISTORY OF THE UNIVERSITY**

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**The Beginning** • The people of a small northern Mississippi town named their town “Oxford” in hopes of attracting a university, and on February 20, 1840, the Mississippi legislature chose Oxford as the site for its new university. The University of Mississippi was chartered on February 24, 1844, and began its first session on November 6, 1848, with a four-member faculty offering a liberal arts curriculum to 80 students. While continually strengthening the College of Liberal Arts, the trustees and the faculty also sought to broaden the work of the institution by the creation of professional and specialized schools so as to build it into a university in fact as well as in name. Thus, the School of Law was opened in 1854 during the presidency of Augustus Baldwin Longstreet. It was only the fourth state-supported law school in the nation. Longstreet's successor, Frederick A.P. Barnard, who later achieved further renown as president of Columbia University, initiated a strong program of scientific instruction and research that was terminated six years into his tenure by the advent of the Civil War. The entire student body joined the Confederate army as the “University Greys”; most were killed or wounded, and none graduated.

**Growth and Expansion** • Re-opening in the fall of 1865 after the suspension of classes for four years of war, the university resumed its growth and provided education for many Confederate veterans who sought instruction. Coeducation came with the admission of 11 women students in 1882, and the first woman, Sarah Isom, was added to the faculty in 1885. The university took its nickname “Ole Miss” from the title of the student yearbook of 1898.

Expansion was particularly notable under Chancellor Robert Burwell Fulton: The first summer session was held in 1893, the School of Engineering was established in 1900, and the schools of Education and Medicine were opened in 1903. Subsequently, the School of Pharmacy was created in 1908, the School of Business Administration in 1917, and the Graduate School in 1927. The School of Medicine moved to Jackson in 1955 to become the nucleus of The University of Mississippi Medical Center; the School of Nursing was established in 1958. Medical Center surgeons performed the world’s first human lung and heart transplants in the 1960s.

**Modern Growth** • Like other southern institutions that integrated in the 1960s, the university experienced turbulent times when James Meredith, the first African American student, was admitted in 1962. The university now has evolved into a diverse community of students and scholars. Students from every background in Mississippi, across the United States, and around the world are welcomed to Ole Miss to pursue a quality higher education.

Over the past several decades, the university has expanded its services to the people of the state by enlarging its research facilities, developing its program of graduate studies, strengthening its off-campus services, and enhancing the quality and breadth of its fundamental liberal arts education. The School of Health Related Professions was established in 1972 and the School of Dentistry in 1973. The Center for the Study of Southern Culture was created in 1977. The School of Accountancy and the Sarah Isom Center for Women were established in 1979, and the McDonnell-Barksdale Honors College was created in 1996.

The university now has more than 10,000 students enrolled on the Oxford campus. Its faculty, staff, and students are pushing forward the frontiers of knowledge, imagination, and expertise necessary for a productive life in today’s world. It is a center for Faulkner studies, offering a fine collection of the Nobel Prize winner’s work and maintaining his Rowan Oak home as a literary shrine. The university is proud to have produced 24 Rhodes Scholars; only six public universities in the nation have produced more.

**Chief Executive Officers** • From its establishment in 1848 to November 21, 1859, the chief executive officers of the university were designated “president.” Then, at the instigation of President Barnard, the title was changed to “chancellor.” On July 27, 1886, the title of chancellor was abolished, and the head of the institution was known as “chairman of the faculty.” The title of “chancellor” was restored August 6, 1889. The following have served as the chief executive officers of the university:

GEORGE FREDRICK HOLMES, LL.D., president July 1848-March 1849

ALBERT T. BLEDSOE, acting president March-July 1849

AUGUSTUS B. LONGSTREET, D.D., LL.B., president July 1849-July 1856

FREDERICK A.P. BARNARD, D.D., LL.D., president August 1856-November 1859;  
chancellor November 1859-October 1861

WILLIAM D. MOORE, acting chancellor June-September 1860

JOHN NEWTON WADDEL, D.D., LL.D., chancellor August 1865-July 1874

JOHN J. WHEAT, acting chancellor July-October 1874

GENERAL ALEXANDER P. STEWART, chancellor October 1874-July 1886  
 EDWARD MAYES, LL.D., S.C., chairman of the faculty July 1886-August 1889;  
 chancellor August 1889-December 1891  
 ROBERT BURWELL FULTON, A.M., LL.D., acting chancellor December 1891-June  
 1892; chancellor June 1892-June 1906  
 ALFRED HUME, D.Sc., acting chancellor June 1906-June 1907  
 ANDREW ARMSTRONG KINCANNON, LL.D., chancellor June 1907-June 1914  
 JOSEPH NEELY POWERS, LL.D., chancellor June 1914-July 1924  
 ALFRED HUME, D.Sc., LL.D., chancellor June 1924-June 1930  
 JOSEPH NEELY POWERS, LL.D., chancellor June 1930-August 1932  
 CHRISTOPHER LONGEST, Ph.D., acting chancellor August 1930  
 ALFRED HUME, D.Sc., LL.D., chancellor September 1932-June 1935  
 ALFRED BENJAMIN BUTTS, LL.B., Ph.D., chancellor July 1935-June 30, 1946  
 ALFRED HUME, D.Sc., LL.D., chancellor emeritus and acting chancellor July 1942-  
 December 1943; July 1-14, 1946  
 JOHN DAVIS WILLIAMS, Ed.D., LL.D., chancellor July 15, 1946-January 31, 1968  
 PORTER LEE FORTUNE, JR., B.A., M.A., Ph.D., chancellor February 1, 1968-April  
 2, 1984  
 R. GERALD TURNER, A.A., B.S., M.A., Ph.D., chancellor April 2, 1984-May 31,  
 1995  
 GERALD W. WALTON, A.A., B.S., M.A., Ph.D., interim chancellor June 1-30, 1995  
 ROBERT C. KHAYAT, B.A.E., J.D., LL.M., chancellor July 1, 1995-present

## ACCREDITATION

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The university has occupied a position of educational leadership not only in the state but also in the South and the nation. It was a charter member of what is now the Southern Association of Colleges and Schools, a regional accrediting agency; helped found the National Association of State Universities and Land Grant Colleges; and pioneered the accreditation of high schools in Mississippi.

The University of Mississippi is accredited by the **Commission on Colleges of the Southern Association of Colleges and Schools** to award baccalaureate, master's, specialist, first professional, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of The University of Mississippi. The commission is to be contacted if there is evidence that appears to support the university's significant non-compliance with a requirement or standard.

The institution as a whole and, where appropriate, its subdivisions are recognized by regional and national organizations and accrediting agencies.

**College of Liberal Arts** • Degree programs in the Department of Art are accredited by the National Association of Schools of Art and Design. The Department of Chemistry and Biochemistry is accredited by the American Chemical Society, and the B.S. in forensic chemistry is accredited by the Forensics Science Education Programs Accreditation Commission. The Department of Journalism is accredited by the Accrediting Council on Education in Journalism and Mass Communication. The Department of Music is an accredited member of the National Association of Schools of Music. The Department of Theatre Arts is accredited by the National Association of Schools of Theatre.

**School of Accountancy** • The baccalaureate, master's and doctoral degree programs are all accredited by AACSB International.

**School of Applied Sciences** • The clinical service and academic training programs of the Department of Communication Sciences and Disorders are accredited by the American Speech-Language-Hearing Association. The dietetics program in the Department of Family and Consumer Sciences is accredited by the American Dietetics Association. The Bachelor of Arts in park and recreation management program is accredited by the National Recreation and Park Association. The program leading to the Bachelor of Social Work is accredited by the Council on Social Work Education. The Master of Social Work program received candidacy status from the Council on Social Work Education in October of 2008.

**School of Business Administration** • Both undergraduate and graduate programs of the school are accredited through AACSB International—the Association to Advance Collegiate Schools of Business.

**School of Education** • The teacher education program is accredited by the Mississippi Department of Education (MDE) and the National Council for Accreditation of Teacher Education (NCATE) for the preparation of elementary, special education, and secondary content area teachers and school service personnel, with the doctoral degree as the highest degree approved.

**School of Engineering** • Programs of study in chemical, civil, electrical, geological, and mechanical engineering are accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone: (410) 347-7700. The Bachelor of Science in computer science is accredited by the Computing Accreditation Commission of ABET.

**School of Law** • The School of Law is accredited by the American Bar Association and is a member of the Association of American Law Schools.

**School of Pharmacy** • The Doctor of Pharmacy program is fully accredited by the American Council on Pharmaceutical Education.

**School of Nursing** • The baccalaureate and master's programs are accredited by the Commission on Collegiate Nursing Education (CCNE).

**School of Dentistry** • The program is accredited by the Commission on Accreditation of the American Dental Association.

**School of Medicine** • The four-year program leading to the degree of Doctor of Medicine is accredited by the Liaison Committee on Medical Education.

**School of Health Related Professions** • The programs within the school are accredited by the Commission on Dental Accreditation (dental hygiene), National Accrediting Agency for Clinical Laboratory Sciences (clinical laboratory science), Commission on Accreditation of Allied Health Education Programs (cytotechnology), Commission on Accreditation for Health Informatics and Information Management Education (health informatics and information management), Joint Review Committee on Education in Radiologic Technology (radiologic sciences), Accreditation Council for Occupational Therapy Education (occupational therapy), and Commission on Accreditation in Physical Therapy Education (physical therapy).

# **BOARD OF TRUSTEES OF STATE INSTITUTIONS OF HIGHER LEARNING**

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By CONSTITUTIONAL AMENDMENT, the government of The University of Mississippi and of the other institutions of higher learning of the state of Mississippi is vested in a Board of Trustees appointed by the governor with the advice and consent of the Senate. After January 1, 2004, as vacancies occur, the 12-member Board of Trustees of State Institutions of Higher Learning shall be appointed from each of the three Mississippi Supreme Court districts, until there are four members from each Supreme Court district. The terms are staggered so that all members appointed after 2012 will have a term of nine years. The Board of Trustees selects one of its members as president of the board and appoints the chancellor as executive head of the university. The board maintains offices at 3825 Ridgewood Road, Jackson, MS 39205.

## **Members whose terms expire May 7, 2018:**

**CHRISTY PICKERING**, Biloxi, SOUTHERN SUPREME COURT DISTRICT  
**ALAN W. PERRY**, Jackson, CENTRAL SUPREME COURT DISTRICT  
**DOUGLAS W. ROUSE**, Hattiesburg, SOUTHERN SUPREME COURT DISTRICT  
**C.D. SMITH, JR.**, Meridian, CENTRAL SUPREME COURT DISTRICT

## **Members whose terms expire May 7, 2015:**

**ED BLAKESLEE**, Gulfport, SOUTHERN SUPREME COURT DISTRICT  
**BOB OWENS**, Jackson, CENTRAL SUPREME COURT DISTRICT  
**AUBREY PATTERSON**, Tupelo, NORTHERN SUPREME COURT DISTRICT  
**ROBIN ROBINSON**, Laurel, SOUTHERN SUPREME COURT DISTRICT

## **Members whose terms expire May 7, 2012:**

**L. STACY DAVIDSON, JR.**, Cleveland, THIRD CONGRESSIONAL DISTRICT  
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**SCOTT ROSS**, West Point, THIRD SUPREME COURT DISTRICT  
**AMY WHITTEN**, Oxford, SECOND CONGRESSIONAL DISTRICT

## **Officers of the Board**

**SCOTT ROSS**, PRESIDENT  
**BETTYE H. NEELY**, VICE PRESIDENT  
**AUBREY K. LUCAS**, INTERIM COMMISSIONER OF HIGHER EDUCATION

## **EEO STATEMENT**

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The university complies with all applicable laws regarding affirmative action and equal opportunity in all its activities and programs and does not discriminate against anyone protected by law because of age, color, disability, national origin, race, religion, sex, sexual orientation, handicap, or status as a veteran or disabled veteran.

## **ADMINISTRATION OF THE UNIVERSITY**

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**Chancellor** • Dr. Robert C. Khayat • 123 Lyceum • (662) 915-7111 • [chancllr@olemiss.edu](mailto:chancllr@olemiss.edu)

The chancellor is responsible to the Board of Trustees of State Institutions of Higher Learning for the operation of the entire University of Mississippi system. The administration of the Oxford campus is carried out by the provost and vice chancellor for academic affairs, the vice chancellor for administration and finance, the vice chancellor for student life, the vice chancellor for university relations, and certain other administrators with university-wide responsibilities. Academic programs are the responsibility of the provost and vice chancellor for academic affairs, who oversees the work of the deans of the College of Liberal Arts and the professional schools, the vice chancellor for research and sponsored programs, the dean of the Graduate School, the dean of libraries, and directors of other academic programs. The administration of the Jackson campus is carried out through the vice chancellor for health affairs, to whom the deans of the various schools and the head of the university hospital all report.

**Provost** • Dr. Morris Stocks • 137 Lyceum • (662) 915-5974 • [acstocks@olemiss.edu](mailto:acstocks@olemiss.edu)

The provost is the chief academic officer for the main campus and branch campuses, with the exception of the Jackson-based medical center campus. The provost reports directly to the chancellor. The divisions of academic affairs, student life, university relations, and research and sponsored programs, along with the college and schools, are under the administration of the provost. In addition, various academic support services and centers, including the library, outreach and continuing education, and the registrar, report to the provost.

**Registrar** • Dr. Charlotte Fant • 104 Martindale Center • (662) 915-7792 • [cfant@olemiss.edu](mailto:cfant@olemiss.edu)

Responsibilities of the Office of the Registrar include registration of students for classes, recording of class grades on official university records, maintaining and supplying transcripts of students' academic work, and processing course withdrawals.

**Bursar** • Edward Cavett Ratliff IV • 202 Martindale • (800) 891-4596 • [bursar@olemiss.edu](mailto:bursar@olemiss.edu)

Responsibilities of the Office of the Bursar include the collection, custody, and disbursement of funds for the university.

## **UNDERGRADUATE COUNCIL**

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The Undergraduate Council comprises faculty representing the college, the schools, and the library; a student representative; and nonvoting representatives from the Registrar's Office, the Division of Outreach and Continuing Education, and Information Technologies. The council approves changes in undergraduate courses and programs, and recommends policy to the chancellor on a wide range of undergraduate academic matters and activities.

# Academic Program

## THE COLLEGE AND SCHOOLS

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The faculty and curricula of the university are organized into one college and 13 schools. Open to undergraduates are the College of Liberal Arts, the schools of Accountancy, Applied Sciences, Business Administration, Education, Engineering, and Pharmacy—all located on the Oxford campus. The School of Law and the Graduate School, also on the Oxford campus, require at least a baccalaureate degree for admission.

The University of Mississippi Medical Center in Jackson houses the schools of Medicine, Nursing, Health Related Professions, Dentistry, and Graduate Studies in the Health Sciences, and the University Hospitals and Clinics.

**College of Liberal Arts** • The many departments of the college offer courses of study in the fine arts and humanities, as well as in the physical, biological, and social sciences. Degrees available include the Bachelor of Arts, the Bachelor of Science, the Bachelor of Music, and the Bachelor of Fine Arts.

**Patterson School of Accountancy** • The school was established in 1979, and thereby became one of the first separate schools of accountancy in the United States. In 1983, the school was admitted into the prestigious Federation of Schools of Accountancy. The curriculum is designed to provide the School of Accountancy graduate with an understanding of the multiple facets of accounting and prepare the student for a career as a professional accountant. Areas of study include financial accounting, managerial accounting, cost accounting, governmental accounting, systems, auditing, and taxation.

**School of Applied Sciences** • The school was established in 2001 and includes the departments of Communication Sciences and Disorders, Health, Exercise Science and Recreation Management, Family and Consumer Sciences, Legal Studies, and Social Work. The School of Applied Sciences at The University of Mississippi offers professional preparation programs that integrate academic study, clinical training, creative research, service-learning, and community outreach and lead to the development of future leaders whose professional endeavors will improve health and well-being.

**School of Business Administration** • Curricula of the school are designed both for those who plan to operate their own businesses and for those who plan to occupy responsible positions in business organizations. The degree of Bachelor of Business Administration is offered in the areas of banking and finance, economics, management, management information systems, managerial finance, marketing, marketing communications, real estate, and risk management and insurance.

**School of Education** • A major function of the school is to assist the K-12 schools of Mississippi and the nation by producing well-prepared teachers, administrators, counselors, and other educational personnel and by providing various educational services. The Bachelor of Arts in Education degree is offered in the areas of elementary education (K-6), secondary education (7-12), and special education (K-12).

**School of Engineering** • Theoretical and experimental work in chemical, civil, electrical (computer engineering, RF/wireless, telecommunications), geological, and mechanical engineering, computer science, and geology are offered leading to the



Bachelor of Science and Bachelor of Engineering degrees. The school is a member of the American Society for Engineering Education, Engineering College Research Council, and Engineering College Administrative Council.

**School of Pharmacy** • The School of Pharmacy holds membership in the American Association of Colleges of Pharmacy. The school offers two degree programs: (1) three years of pre-professional courses followed by one year of specialized study leading to the Bachelor of Science in Pharmaceutical Sciences and (2) three years of postbaccalaureate study leading to the Doctor of Pharmacy degree. Previous attainment of a B.S. in pharmacy from this or another ACPE-accredited School of Pharmacy or of a B.S. in pharmaceutical sciences (practice track) from this institution is a prerequisite for admission into the Doctor of Pharmacy program. The seven-year curriculum leading to the Doctor of Pharmacy degree (Pharm.D.) is constructed to provide a broad foundation in pharmacy and the related fields of pharmacy practice, pharmacy administration, medicinal chemistry, pharmaceuticals, pharmacognosy, and pharmacology. Such a background is essential for the delivery of pharmaceutical care in all types of practice settings: community pharmacy, institutional pharmacy, pharmaceutical manufacturing, pharmaceutical research, pharmaceutical education, or government service.

**Graduate School** • Prior to 1870, The University of Mississippi conferred the honorary degree of Master of Arts upon certain undergraduates who had obtained intellectual distinction. Courses at the graduate level were first offered in 1870. A definite program of graduate study with a minimum residence requirement of one academic year was inaugurated in 1890. The Graduate School was formally organized in 1927 to coordinate and administer all graduate studies at the university.

The Graduate School holds membership in the Council of Graduate Schools in the United States. With a faculty of more than 400 members, the Graduate School offers more than 70 degree programs leading to the master's, specialist, and doctoral degrees through the College of Liberal Arts and schools of Accountancy, Applied Sciences, Business Administration, Education, Engineering, and Pharmacy. Policies for the Graduate School are set by the Graduate Council and administered by the Graduate School dean, who also serves as associate provost.

Complete information concerning the Graduate School is found in the Graduate School Catalog.

**School of Law** • The Mississippi Legislature first established a Department of Law at the university in 1854. The School of Law is the fourth oldest state-supported law school in the United States and is a member of the Association of American Law Schools. The law school offers three years of instruction leading to the Juris Doctor degree. The School of Law, the Patterson School of Accountancy, and the Graduate School offer a concurrent program leading to the Juris Doctor/Master of Taxation and Juris Doctor/Master of Accountancy degrees. All programs are housed in the five-story Law Center, which also contains the 350,000-volume Eastland Law Library.

Every law school applicant must take the Law School Admissions Test (LSAT) and register with Law School Data Assembly Service (LSDAS) prior to being considered for admission. Applicants should write Law School Admissions Services (LSAS), Box 2000, Newtown, PA 18940, for information concerning the test and the service. Complete information concerning the School of Law is contained in a separately published law school catalog, which may be obtained from the School of Law Admissions Office.

**School of Medicine** • The four-year program leading to the degree of Doctor of Medicine requires a minimum of three years of pre-medical study for entrance (see Health Professions in the College of Liberal Arts chapter). Preference is given to applicants who are legal residents of Mississippi.

**School of Nursing** • The school offers programs leading to the Bachelor of Science in Nursing, the Master of Science in Nursing, and the Doctor of Philosophy in Nursing. A new Doctor of Nursing Practice will be offered in August 2009. The School of Nursing requires two years of approved pre-nursing study for admission to the baccalaureate program. Preference is given to applicants who are legal residents of Mississippi.

**School of Health Related Professions** • The school offers degree programs leading to the Bachelor of Science in clinical laboratory science, cytotechnology, dental hygiene, health informatics and information management, health sciences, and radiologic sciences; the Master of Occupational Therapy; and the Doctor of Physical Therapy. The baccalaureate and master's programs require two years of approved pre-professional study for entrance while the Doctor of Physical Therapy requires the baccalaureate degree for entrance. Preference is given to applicants who are legal residents of Mississippi.

**School of Dentistry** • The School of Dentistry offers a course of instruction leading to the degree of Doctor of Dental Medicine (D.M.D.). The curriculum extends over four calendar years and is accredited by the American Dental Association Commission on Dental Accreditation. Preference is given to applicants who are legal residents of Mississippi.

**School of Graduate Studies in the Health Sciences** • Established in 2001, the School of Graduate Studies in the Health Sciences offers programs leading to the Master of Science and Doctor of Philosophy in the biomedical sciences, the clinical health sciences, and the biomedical materials sciences.

## **SALLY MCDONNELL BARKSDALE HONORS COLLEGE**

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Associate Professor Douglass Sullivan-Gonzalez, dean • Honors Center • (662) 915-7294 • [honors@olemiss.edu](mailto:honors@olemiss.edu)

The mission of the Sally McDonnell Barksdale Honors College (SMBHC) is to attract a diverse body of high-performing students to The University of Mississippi and provide them a vibrant center of academic excellence to help them become outstanding in their fields and engaged citizens of their communities and the world. Founded in 1997 through a gift from Jim and Sally Barksdale, the Honors College is designed for highly motivated students who thrive in small classes and seminars that emphasize reading, writing, and discussion. As part of the minimum 29 required honors hours, all students, both liberal arts and pre-professionals, take an intensive two-course sequence in the social sciences and humanities that can count toward freshman composition hours. Students also complete a research project and senior thesis, usually in their majors. Other hours come from taking honors sections of courses offered in various disciplines.

Students from all majors and schools who meet the admission criteria of the college may participate in the program. Admission is based on a combination of considerations: grade-point average; SAT and/or ACT scores; writing ability; commitment to pub-

lic service; and recommendations of teachers. Students must apply separately to the SMBHC in addition to applying to the university.

The Honors Center, a four-story facility, is located in the heart of the campus. SMBHC students have 24-hour access to the center, which houses multimedia seminar and classrooms, study rooms, a computer lab, kitchen, and a lounge.

## **CENTER FOR THE STUDY OF SOUTHERN CULTURE**

Professor Ted Ownby, director • Barnard Observatory • (662) 915-5993 • [cssc@olemiss.edu](mailto:cssc@olemiss.edu)

The Center for the Study of Southern Culture coordinates and develops teaching, research, preservation, and service programs related to the American South. The center was established in 1977 “to capitalize on the university’s unique resources of place and time to make a significant contribution to scholarship nationwide and to the country’s understanding of both its past and present.” It is housed in Barnard Observatory, one of three surviving antebellum buildings on the Oxford campus. The center administers an interdisciplinary Southern Studies Program that allows undergraduate students to major, minor, or take elective courses in the field. In addition, the center offers an interdisciplinary Master of Arts degree in Southern Studies.

The center promotes lectures, symposia, and exhibitions related to regional studies. Four annual meetings—the Faulkner and Yoknapatawpha Conference, the Porter L. Fortune Chancellor’s Symposium on Southern History, the Southern Foodways Symposium, and the Oxford Conference for the Book—are cosponsored by the center, which also offers lectures, films, dramatic readings and performances, musical events, exhibitions of art and crafts, and seminars for teachers.

## **CROFT INSTITUTE FOR INTERNATIONAL STUDIES**

Professor Kees Gispén, executive director • 315 Croft Institute Building • (662) 915-1500 • [croft@olemiss.edu](mailto:croft@olemiss.edu)

The Croft Institute for International Studies operates the international studies major in the College of Liberal Arts on behalf of The University of Mississippi. It also promotes teaching, research, and professional development activities regarding international studies. The Croft Institute helps prepare its own majors and other students at the university for leadership in business, public service, and other fields in an increasingly interdependent world. The institute conducts professional development workshops for high school foreign language and social studies teachers across the state.

The institute offers the B.A. degree program in international studies, whose curriculum integrates courses from the institute, the College of Liberal Arts, and other academic units of the university. The curriculum consists of three regional studies concentrations—East Asia, Europe, and Latin America—and three thematic concentrations—global economics and business, international governance and politics, and social and cultural identity.

The institute typically awards 10 Croft Scholarships per entering class. It also awards the Rose Bui Memorial Academic Excellence Scholarship, the Mike Aune Memorial Scholarship, and a Foreign-Student Scholarship. Croft Scholars hold generous awards that are renewable for up to four years, provided academic standards are met. Additional features of the Croft Institute include international symposia, international visiting scholars, public lectures, and workshops on topics of global concern.

## **SARAH ISOM CENTER FOR WOMEN AND GENDER STUDIES**

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Dr. Mary Clare Carruth, director • 203 Johnson Commons • (662) 915-5916 • carruth@olemiss.edu

Named for the first woman faculty member at The University of Mississippi, the Sarah Isom Center for Women and Gender Studies was established in 1979. The first university women's center in the state, the Isom Center is dedicated to the development of curriculum, scholarship, and programs about women and gender. The center coordinates courses about women and gender offered by various university departments and offers an interdisciplinary minor that introduces students to the broad spectrum of concerns related to gender studies. Although the center does not offer a major in gender studies right now, students seeking such a concentration may pursue a B.A. in liberal arts, which requires three minors. The center sponsors a variety of programs and services, including an informal noon lecture series and the annual Lucy Somerville Howorth endowed lecture in women's studies. It works closely with other campus organizations to sponsor workshops, lectures, and special events related to women and gender.

## **LOTT LEADERSHIP INSTITUTE**

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William R. Gottshall, executive director • Lott Leadership Institute • (662) 915-3189 • leader@olemiss.edu

The Lott Leadership Institute was established in 1999 to honor U.S. Senator Trent Lott, a distinguished graduate of the university. The Lott Institute prepares students to assume positions of leadership in an increasingly complex world and develops a wide range of leadership and outreach programs to enhance the opportunities and lives of our citizens.

Through the Lott Institute, the College of Liberal Arts offers a B.A. degree in public policy leadership. The program joins the systematic study of public policy with the study of the leadership qualities necessary for the successful formation and implementation of policy.

The Lott Institute sponsors summer leadership programs for high school students and university undergraduates designed to refine the leadership skills inherent in all students. The institute also supports and organizes a wide range of leadership development programs for professionals and those citizens already established in the workplace.

## **MILITARY TRAINING**

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The Air Force, Army, and Naval Reserve Officers Training Corps offer military training at the university. Organized in the College of Liberal Arts as the departments of Aerospace Studies, Military Science and Leadership, and Naval Science, each service offers a course of study leading to an officer's commission.

## **ACADEMIC YEAR**

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The university operates on the semester system. **Fall semester** begins in mid-August and ends in mid-December. **Spring semester** begins in mid-January and ends in early May. A detailed university calendar is available from the Registrar's Office and on the Web at [www.olemiss.edu/depts/registrar/acal.html](http://www.olemiss.edu/depts/registrar/acal.html).

**The summer session** consists of two terms of approximately four weeks, each with the same number of classroom hours as a regular semester. (Selected courses in the College of Liberal Arts and the professional schools, and all courses in the School of Law, are offered on a 10-week basis spanning both summer terms.) Students may earn up to 14 semester hours of undergraduate credit during the summer. The summer session accommodates students who wish to accelerate their programs or secure advanced class standing; students who need to make up deficiencies; public and private school teachers who are employed during the regular academic year and desire to secure an advanced degree and to advance their teaching certificates to a higher grade; and freshmen who wish to begin their college careers early. A freshman who enters the university in the summer of 2005 may graduate in the spring of 2008.

**Intersessions** are two-week terms in early January, May, or August.

# Admission to the University

Charlotte Fant, director of admissions and registrar • Martindale Center • (662) 915-7226 • FAX (662) 915-5869 • admissions@olemiss.edu

Admission to the university is administered under policies established by state law, the Board of Trustees of State Institutions of Higher Learning, and the university's faculty. Admission requirements are subject to change without notice at the direction of the Board of Trustees.

**Applications** • Prospective students interested in undergraduate admission for the campuses in Oxford, Southaven, Tupelo, Booneville, and Grenada are encouraged to apply online by going to <http://secure.olemiss.edu/admissions/ug.html>. Those who may be unable to apply online may print a copy from the Web site above or request a paper application from the Office of Admissions, P.O. Box 1848, 145 Martindale, University, MS 38677-1848. Prospective students interested in admission to the Graduate School may contact the dean of the Graduate School, The University of Mississippi, University, MS 38677. Those students interested in admission to the School of Law may contact the Director of Admissions, School of Law, The University of Mississippi, University, MS 38677.

**Application Deadlines** • Undergraduate and graduate applicants should submit all required admission materials well in advance of the start of the term in which enrollment is sought. Nonresidents of Mississippi applying for first-year undergraduate admission for the summer or fall terms should mail complete application materials no later than April 1. Applications postmarked after April 1 will be evaluated on a space-available basis, with special consideration afforded applicants who stand to make exceptional scholastic and/or co-curricular contributions to the campus community.

Applications may be accepted as early as one year before the start of the desired enrollment term. It may not be possible to evaluate an application that is received later than 20 days prior to the start of the term. Students who apply within 20 days of the start of the term may be required, if admitted, to register after classes have begun and to pay associated late fees.

**Application Fees** • Mississippi residents must pay a nonrefundable \$25 application fee and nonresidents of Mississippi must pay a \$50 fee at the time of application. The fee is payable by credit card with the online application. Students who have received a waiver of the charge for taking the ACT or SAT may qualify for a waiver of the UM application fee by providing a copy of the test fee waiver.

**Off-campus Sites** • The University of Mississippi offers undergraduate classes at various locations including Tupelo, Southaven, and other sites. Degree credit earned at these locations will be treated as residence credit and appear on the student's permanent academic record. Students at off-campus sites must meet regular admission requirements and be accepted for admission to the university.

**Immunization Requirement** • The Board of Trustees of State Institutions of Higher Learning, in cooperation with the Mississippi State Board of Health, requires all entering students born after January 1, 1957, to submit proof of two immunizations for measles and one for rubella prior to registration. Immunizations must be given after one year of age. Forms for documenting immunizations or establishing an exemption to the requirement are available from the Student Health Service office and will be sent to students upon admission.

## FRESHMAN ADMISSION

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**Standard Test Results** • Please note that standard test results (ACT or SAT) should be sent directly from the testing service to the admissions office. Test results posted on a high school transcript cannot be used for final admission.

**College Preparatory Curriculum** • Admission of entering freshmen is based on the completion of the College Preparatory Curriculum (CPC) specified below with either a specific minimum grade-point average (GPA) or both a specific GPA and minimum standard test score. Students must submit a **high school transcript** reflecting satisfactory completion of the following high school course requirements as well as an official graduation date. (Provisional admission may be granted after six semesters of high school provided the transcript indicates that courses to complete the CPC are underway; final admission will require a complete transcript.)

### Carnegie

Subject	Units	Contents and Remark
English	4	All must require substantial communication skills components (i.e., reading, writing, listening, and speaking)
Mathematics	3	Includes Algebra I, Geometry, Algebra II. A fourth class in higher-level mathematics is highly recommended.
Science	3	Choice of biology, advanced biology, chemistry, advanced chemistry, physics, advanced physics, or any other science course with comparable rigor and content. One Carnegie unit from a rigorous physical science course with content at a level that may serve as introduction to physics and chemistry may be used. Two of the courses chosen must be laboratory based.
Social Studies	3	Courses should include U.S. history (1 unit), world history (1 unit with substantial geography component), government (1/2 unit), and economics (1/2 unit) or geography (1/2 unit).
Advanced electives	2	Requirements may be met by earning 2 Carnegie units from the following areas/courses, one unit of which must be in a foreign language or world geography. Foreign language World geography 4th year lab-based science 4th year mathematics
Computer Applications	1/2	Course should emphasize the computer as a productivity tool. Instruction should include the use of application packages, such as word processing and spreadsheets. The course also should include basic computer terminology and hardware operation.
Eighth Grade Units		Algebra I or first-year foreign language taken in the eighth grade will be accepted for admission provided the course content is the same as the high school course.

**Regular Admission** • Regular admission will be granted to the following:

- (1) All students completing the College Preparatory Curriculum (CPC) with a minimum 3.20 high school GPA on the CPC.
- (2) All students completing the CPC with a minimum 2.50 high school GPA on the CPC and a minimum score of 16 on the composite ACT (or 760 on the SAT).
- (3) All students completing the CPC with a class rank in the top 50 percent and a minimum score of 16 on the composite ACT (or 760 on the SAT).
- (4) All students completing the CPC with a minimum 2.00 high school GPA on the CPC and a minimum composite score of 18 on the ACT (or 860 on the SAT).
- (5) All students who meet full-qualifier certification requirements for the National Collegiate Athletic Association (NCAA). *This option is available to all freshman applicants who are U.S. citizens.*

**Admission Requirements for the Professional Program in Pharmacy and Early Entry Nursing** • Freshman admission requirements for the professional program in pharmacy and early entry nursing differ from general admission requirements. Please see the pharmacy and health professions sections of the catalog for details.

**Minimum Test Scores** • Students whose ACT subtest score in reading, English, and/or mathematics is less than 17 (or SAT verbal and/or mathematics score is less than 400) are required to enroll in an appropriate developmental course during the first semester of enrollment and to remain in the course until receiving a passing grade. Students with ACT subtest scores of 17, 18, or 19 are encouraged to enroll in developmental courses. Those students who enroll in two or more developmental courses also are required to complete two semesters of Developmental Support Lab (see below). Enrollment in developmental courses is limited to students with subtest scores below 20 except with permission of the department. Developmental courses completed at other postsecondary institutions before enrolling at The University of Mississippi may be considered to meet developmental requirements.

**Test Score Minimums as Course Prerequisites** • Some courses may require a minimum standard test score as a prerequisite. For example, students enrolling in Chemistry 105/106 or Biology 160/161 must have a 22 subscore on the mathematics portion of the ACT (SAT math score of 510) or have completed College Algebra with a grade of B or higher.

**Other Admission Criteria** • Residents of Mississippi who apply and do not meet the admission requirements stated above may enter the Academic Screening Program (counseling and testing) held on campus and at other designated locations prior to the beginning of the first summer session. Such counseling will consider student interests, special skills, experiences, and other noncognitive factors. After counseling, students will take a computer-based examination (Mississippi College Placement Examination, MCPE) to assist the university in the admission decision. Students who pass the MCPE will be admitted for the fall term and will be encouraged to participate in the Developmental Support Lab during the first two semesters of enrollment. This admission option may also be available to children of alumni of The University of Mississippi who reside out-of-state and to residents of Shelby County, Tennessee, *if such students have at least a 2.0 overall final high school grade-point average.*



*Summer Developmental Program* • Mississippi residents or children of University of Mississippi alumni who are not successful on the MCPE may be admitted to the Summer Developmental Program. This intensive program concentrates on those high school subject areas (writing, reading, mathematics) that are crucial to success in first-year college courses. Students who successfully exit the summer program may continue in the fall term with the requirement of participation in the Developmental Support Lab during the fall and spring semesters. Students who do not pass the Summer Developmental Program are counseled to explore other postsecondary options, including those offered by two-year colleges that prepare students for transfer into bachelor's degree programs.

*The Developmental Support Lab* is designed to assist students with first-year college studies. The goal of this lab is to provide individualized support in intermediate and regular academic courses for marginally prepared students.

**Early Admission** • A superior secondary school student may be offered Early Admission at the end of the third year in high school if the following criteria are met:

At least a 3.5 GPA on all CPC courses completed, a minimum composite ACT score of 25 (or SAT 1130), and recommendation by the applicant's high school principal or counselor.

**Earning College Credit in High School** • In the summer before the senior year in high school, students may earn university credit by attending enrichment programs such as PACE (Promoting Academic and Creative Excellence), Croft Summer Scholars, and the Summer Institutes in Art, Journalism, and in Music, if the following criteria are met:

Completion of at least 15 college preparatory courses with a minimum 3.2 GPA on those courses, recommendation by the applicant's high school principal or guidance counselor, and successful application to PACE or to the Summer Institute.

Summer enrichment programs are administered by the Office of Summer School.

## **ADMISSION OF TRANSFER STUDENTS**

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Students may be accepted for transfer from other regionally accredited colleges and universities if a minimum 2.00 cumulative GPA has been maintained on all course work attempted with the exception of vocational/technical or other courses not acceptable for transfer. Every attempt on repeated courses is counted. Applicants must list all colleges attended on the application for admission. (Failure to provide information about prior college attendance is grounds for disciplinary action including immediate dismissal from the university.)

In addition, the applicant must meet **one** of the following criteria:

1. Has been admissible as a freshman. The applicant must submit official high school records (see Freshman Admission) as well as college transcripts to meet this requirement.
2. Has successfully completed at least the following 24 semester hours of college work at a regionally accredited school:
  - 6 hours of English composition
  - 3 hours of college algebra or quantitative reasoning or statistics (taken from a department of mathematics) or a more advanced mathematics course

- 6 hours of laboratory science
- 9 hours of transferable electives

3. Has earned an associate's degree intended for transfer to a four-year school.

A student who does not meet the 2.00 transfer GPA requirement and has not attended college in at least 12 months may be considered for admission on probation. The student must submit a letter of petition with the application and be approved by the academic dean of the college or school that the student wishes to enter. Students who have been out of school for at least 36 months may be admitted without petition as undergraduates. Such students must earn at least a 2.0 on the first 12 hours and thereafter.

**Evaluation of Credits** • University policy on the transfer of credit hours is described in the Academic Regulations chapter under Transfer Credit.

**Grade Requirements** • Transfer students are required to maintain a minimum GPA of 2.0 on courses taken at the university, and to have a minimum GPA of 2.0 on all college work attempted, in order to graduate. See Degree Requirements in the Academic Regulations chapter.

## **OTHER TYPES OF ADMISSION**

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**Admission of Visiting Students** • A student who regularly attends another recognized institution and who plans to return to that institution may be admitted to the university as a visiting student. The applicant must comply with the general requirements for admission and, in lieu of transcripts of credits, must submit a letter or certificate of good standing from an official of the institution that the student regularly attends. A student admitted to the summer session as a visiting student may elect to enroll in the university's next regular session. The student can qualify by submitting transcripts of credits from the other institutions attended and by meeting the requirements applicable to transfer students. If the student has attended The University of Mississippi previously, he or she must be re-admissible.

### **Admission of Students Who Are Not Graduates of Regionally Accredited High Schools**

• Applicants who are home-schooled or who have not successfully completed high school must submit standard test scores (ACT composite minimum of 18 or SAT combined minimum of 860) and successfully complete the Mississippi College Placement Exam (see "Other Admission Criteria" above). Home-schooled students must present summaries of their educational experiences, which may include portfolios and transcripts. Students who are not high school graduates must present qualifying GED scores or, in some cases, may qualify as undergraduate special students (see below).

**Admission of Undergraduate Special Students** • A student who is at least 21 years of age, has been out of school for at least three years, and cannot present an acceptable high school record may be admitted to the university for such courses as he or she may be prepared to enter. This category is reserved for those who have had delays or interruption of the traditional sequence of educational pursuits. A person admitted as a special student is admitted with the same retention standards as degree-seeking students. Special students must have a minimum of a 2.0 GPA on 12 hours of course work to become degree-seeking students. After meeting this requirement, the special student may become a regularly enrolled student and the work completed while in the special status may be applied toward a degree. Failure to meet the stated requirements will result in academic suspension. While in special student status, a student may not register for more than 12 hours in a semester or summer session and will not qualify for financial aid programs.

**Admission of Unclassified Students** • Applicants who have already received the baccalaureate degree may enroll in the university if they desire to take courses for personal or professional improvement at the 400 level or below; or are pursuing a second undergraduate degree. Generally, students pursuing a second undergraduate degree will not be permitted to take graduate courses, but under certain circumstances, with the approval of the appropriate academic dean, they may enroll as unclassified students in 500-level courses.

**Admission of Graduate Students** • An applicant who has completed all requirements or has received the bachelor's degree from an institution accredited by a regional or recognized professional accrediting association may be admitted to the university as a graduate student for a program leading to an advanced degree, or as a graduate student with nondegree status for enrollment in graduate course work. Applicants desiring to enroll in the Graduate School should consult the Graduate School catalog for admission requirements and procedures.

**Admission to the University of Mississippi Medical Center (Jackson campus)** • After completion of the undergraduate prerequisites, applications for enrollment in medicine, nursing, dentistry, and health-related professions are submitted to the Division of Student Services and Records, The University of Mississippi Medical Center, 2500 N. State Street, Jackson, Mississippi 39216. Students should consult the Medical School catalog for admission requirements and procedures. Pre-nursing students also may have the option of seeking admission through the Early Entry Nursing Program. See the health professions sections of this catalog for details.

## **ADMISSION OF INTERNATIONAL STUDENTS**

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Enrollment of qualified students from other countries is encouraged by the university as it seeks to contribute to the realization of the personal aspirations of people throughout the world. It also seeks to stimulate in U.S. students a knowledge of and appreciation for the cultures and peoples of other lands.

International students from outside the United States must submit completed applications no later than 45 days prior to the intended term of enrollment. Applications received after that date may be considered for the following term. A \$50 nonrefundable application fee must accompany each application. Applications that do not include the \$50 application fee will not be processed.

**Academic Requirements** • See Freshman Admission requirements in this chapter.

**TRANSFER STUDENTS:** Undergraduates who have completed 15 or more hours of university-level academic courses with a 2.00 average, or three or more General Certificate of Education Advanced (GCE A) levels in academic subjects, will not be required to take the ACT or SAT and may be awarded transfer credit. International students transferring from U.S. institutions must meet the requirements outlined in the section Admission of Transfer Students earlier in this chapter.

**Language Requirements** • All applicants whose native language is not English are required to submit official scores received from either the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS).

TOEFL and IELTS will not be required if the undergraduate applicant has studied in a U.S. institution for four consecutive semesters (two years). Neither the TOEFL nor the IELTS admission requirement will be waived if the applicant has been previously enrolled in an English as a Second Language or Intensive English Program.

**TOEFL** • TOEFL results can be reported through the Educational Testing Service (ETS). Student applicants must request that the TOEFL testing center send the results to the university. TOEFL test scores will be automatically sent without extra cost to the university if, during testing, the student writes The University of Mississippi's four-digit code (1840) in the space provided on the TOEFL test answer sheet. Please note the following restrictions:

Full admission will be granted with the following TOEFL score: Internet-based (IB) 79-80, computer-based (CB) 213, or paper-based (PB) 550. (Some departments require higher results.)

Conditional admissions can be granted with the following scores: IB 69-70 to 77-78; CB 193 to 210; and PB 523 to 547. Students with these scores will enroll in one special English course (EFS 100) their first semester of enrollment.

Students who score IB 68, CB 190, or PB 520 or below will be required to enter the Intensive English Program prior to academic enrollment. Once an acceptable TOEFL result has been submitted and all other admission requirements are met, the student can be enrolled in the academic program of the university.

All students with TOEFL scores of IB 79-80 to 99, CB 213 to 249, and PB 550 to 599 will be retested with The University of Mississippi English Placement Test prior to registration to determine if they must enroll in the special English course (EFS 100) during their first semester of enrollment.

**IELTS** • IELTS results can be reported through IELTS-English for International Opportunity, <http://www.ielts.org/default.aspx>.

Please note the following restrictions:

Full admission will be granted with an IELTS score of 6.

Conditional admissions can be granted with an IELTS score of 5.5. Students with a score of 5.5 but less than a 6 will be required to enroll in one special English course (EFS 100) during their first semester of enrollment.

Students who have an IELTS score below 5.5 will be required to enter the Intensive English Program prior to academic enrollment. Once an acceptable IELTS or TOEFL result has been submitted and all other admission requirements are met, the student can be enrolled in the academic program of the university.

All students with IELTS scores of 6-7 will be retested with The University of Mississippi English Placement Test prior to registration to determine if they must enroll in the special English course EFS 100 during their first semester of enrollment.

IELTS is jointly owned by the British Council, IDP: IELTS Australia, and the University of Cambridge ESOL Examinations.

International students are deemed to be proficient in English and are exempt from taking the TOEFL when the following condition has been met: Students must have attended a regionally accredited secondary school and/or college in the United States for at least four regular semesters over two consecutive years.

**Estimated Costs** • The estimated minimum cost for attending The University of Mississippi for each 12-month period can be found at the Web site [www.studyatusa.org](http://www.studyatusa.org) or [www.studyatusa.org/data/forms/grad\\_and\\_ungrad/Affidavit-2008-2009.doc](http://www.studyatusa.org/data/forms/grad_and_ungrad/Affidavit-2008-2009.doc). This includes an international student service fee assessed each semester. The U.S. Office of Immigration requires that applicants verify their ability to meet the cost of each year of the entire period of study prior to the issuance of a Certificate of Eligibility (I-20).

**Health Insurance** • All international students are assessed a health insurance fee at each registration. The university provides a group policy for all nonresidents of the United States. The policy provides excellent inexpensive protection while students are studying away from their home country.

**Professional Programs** • Undergraduate international applicants may be admitted to the pre-professional programs. However, no admission is available to schools of Medicine, Nursing, Dentistry, or Health Related Professions. Admission of foreign applicants to the professional schools of Law and Pharmacy is extremely limited.

### **Summary of Application Procedures for International Students:**

1. Completed application form.
2. Submission of official transcripts of all previous academic work.
3. Submission of required official test results, including TOEFL or IELTS (SAT if applicable).
4. Payment of a nonrefundable \$50 application fee. (Applications will NOT be processed without receipt of this fee.)
5. Submission of completed financial affidavit form and official bank statements.
6. All overseas applications, including all required documents, must be submitted and the admission decision completed 45 days prior to the intended period of enrollment. Applications received after that date will be considered for the following term upon request by the applicant.

**Intensive English Program** • 620 All American Drive • (662) 915-1560 • iep@olemiss.edu

The Intensive English Program (IEP) provides English language instruction for international students who wish to study at The University of Mississippi or other institutions in the United States. The IEP offers core classes in speaking and listening, reading, writing, and grammar at six different ability levels as well as content-based courses such as American Culture, Intercultural Communication, and Pronunciation. Full-time students are registered for between 12 and 18 hours of non-degree credit. The IEP also offers a non-credit TOEFL preparation course for an additional fee. In addition to its academic program, the IEP plans and offers cultural activities as well as encourages its students to participate in on- and off-campus events. The program follows the university semester schedule and includes two one-month sessions in the summer. Special shorter programs are available. Arrangements for these must be made in advance with the program coordinator.

IEP students are considered to be international students and are subject to all regulations and fees pertaining to international students. Application forms are available from the Intensive English Program as well as from the Office of International Programs. Attending the IEP does not guarantee admission into an academic program at The University of Mississippi. Tuition and book fees for the Intensive English Program are listed in the Fees and Expenses section.

## **RE-ADMISSION OF FORMER STUDENTS**

All students who have interrupted their enrollment in the university must submit an application for re-admission to the Office of Admissions. Those who have attended other institutions during the interruption must have official transcripts forwarded by the institutions to the Office of Admissions. Re-admission will be to the school or department in which the student was enrolled during the most recent period of UM

attendance. Students wishing to change majors must first be admitted and then may meet with an adviser from the program in which they wish to enroll.

Re-admission requirements for students who have been academically suspended or dismissed from the university are given in the Academic Standing section of the Academic Regulations chapter.

## **ACADEMIC RESTART POLICY**

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A former University of Mississippi student who has been out of any educational institution for the 48 consecutive months immediately prior to the time the student wishes to begin academic restart, may start his or her college education completely over by invoking the university's academic restart policy. The student will be considered as a totally new student from the time of first enrollment after the 48-month hiatus, and all academic regulations for new students (e.g., concerning probation, suspension, and honors) will apply. The new enrollment need not have been at The University of Mississippi.

A student's grades obtained prior to academic restart will remain on the student's transcript. However, no grade made prior to academic restart will be included in the student's cumulative grade-point average, and no credits earned prior to academic restart will fulfill graduation requirements.

A student's eligibility for academic restart at The University of Mississippi is determined regardless of the student's restart status at other institutions. A student may use The University of Mississippi's academic restart policy only one time.

## **ADMISSION OF STUDENTS WITH DISABILITIES**

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The University of Mississippi complies with all applicable laws regarding affirmative action and equal opportunity in all its activities and programs and does not discriminate against anyone protected by law because of disability. **Decisions regarding admission to the university are made on the basis of admissions standards as stated above.** If assistance is needed to complete the admissions process because of disability-related reasons, incoming students must inform admissions' personnel of those needs.

In order for students to receive academic accommodations at The University of Mississippi, their eligibility must be verified. **Students must be fully admitted to the university before the verification process can begin.** For information regarding the verification process and documentation guidelines, students who may require academic accommodations should contact the Office of Student Disability Services at (662) 915-7128 or [sds@olemiss.edu](mailto:sds@olemiss.edu). Information can also be accessed through the office's Web site at [www.olemiss.edu/depts/sds](http://www.olemiss.edu/depts/sds).

The University of Mississippi will make a good-faith effort to provide reasonable academic accommodations to those students who request assistance and who are verified as eligible.

Students who may require accommodations or services through the Office of Student Disability Services are encouraged to ascertain, before enrolling in the university, whether the specific accommodations or services they may require would be available to them.

# Fees and Expenses

It is the intent of the university to keep at a minimum the necessary expenses of its students. Increases are put into effect only when public funds are inadequate and no other recourse is available. Therefore, the university reserves the right to increase or modify fees, tuition, or scholarships without prior notice, upon approval by the Board of Trustees. A portion of student tuition and fee charges is used for operating costs, including scholarships and tuition waivers.

## UNDERGRADUATE CREDIT-HOUR COSTS FOR ONE SEMESTER

Tuition and required fees are assessed by credit hour, and are listed for all undergraduate students of The University of Mississippi on the Oxford campus for one semester of the academic year. Amounts are given for both residents and nonresidents of Mississippi; definitions of resident and nonresident students may be found at the end of this chapter.

### Tuition (Including Required Fees) for Undergraduates

*Note: All amounts given in this chapter are valid for the 2008-09 academic year only and are subject to change. Please contact the Office of the Bursar at (800) 891-4596 for further information.*

Credit Hours	Most Students		Professional Pharmacy Students*			
	Resident Total	Nonresident Total	Pre-Pharmacy, P1 and P2 students		P3 and P4 students	
			Resident Total	Nonresident Total	Resident Total	Nonresident Total
1	212.75	519.50	267.00	605.00	449.00	912.00
2	425.50	1,039.00	534.00	1,210.00	898.00	1,824.00
3	638.25	1,558.50	801.00	1,815.00	1,347.00	2,736.00
4	851.00	2,078.00	1,068.00	2,420.00	1,796.00	3,648.00
5	1,063.75	2,597.50	1,335.00	3,025.00	2,245.00	4,560.00
6	1,276.50	3,117.00	1,602.00	3,630.00	2,694.00	5,472.00
7	1,489.25	3,636.50	1,869.00	4,235.00	3,143.00	6,384.00
8	1,702.00	4,156.00	2,136.00	4,840.00	3,592.00	7,296.00
9	1,914.75	4,675.50	2,403.00	5,445.00	4,041.00	8,208.00
10	2,127.50	5,195.00	2,670.00	6,050.00	4,490.00	9,120.00
11	2,340.25	5,714.50	2,937.00	6,655.00	4,939.00	10,032.00
12-19 (full-time)	2,553.00	6,234.00	3,204.00	7,260.00	5,388.00	10,944.00

Undergraduate students who enroll for 20 or more semester hours are assessed a tuition of \$212.75 for each hour over 19. This charge is in addition to the tuition for a full-time undergraduate student.

### Undergraduate Credit-Hour Costs for the Summer Session

Tuition (including Required Fees, per semester hour)	212.75
Nonresident Fees (per semester hour)	149.00

**Auditing Fee** • The fee for auditing is the same as tuition for the same number of credit hours.

\*These figures are for P1, P2, P3, and P4 students. The amount for P5 and P6 students at The University of Mississippi Medical Center in Jackson is \$11,820.00 annually for residents and \$24,186.00 annually for nonresidents.

## HOUSING EXPENSES

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**Residence Hall Rent** per student for a standard air-conditioned room, with local telephone and cable television service, is shown in the table below. Single occupancy of rooms is only possible on a space-available basis. Students should contact Student Housing and Residence Life for summer semester rental rates. Shown below are the 2009-10 room rates. Room rates for the 2009-10 academic year are subject to change.

	<b>2009-10 Fall or Spring Semester two occupants per room</b>	<b>single occupancy</b>
Hefley/Deaton	1,935	2,595
Miller Hall (1st floor)	2,150	2,505
Guess Hall	1,795	2,465
Other halls	1,730	2,415
Northgate A & B (one bedroom)	2,175 (one apartment mate)	
Northgate A & B (two bedroom)	2,035 (two apartment mates)	2,385 (single)
Northgate A & B (two bedroom)	1,920 (three apartment mates)	
Northgate C (two bedroom)	2,520 (one apartment mate)	
Northgate C (two bedroom)	2,035 (two apartment mates)	
Northgate C (three bedroom)	1,920 (three apartment mates)	
Northgate D & E (two bedroom)	2,175 (two apartment mates)	
Application fee.....		75.00

## FOOD EXPENSES

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**Ole Miss Meal Plan • All campus-housed freshmen** are required to purchase a meal plan **BOTH** fall and spring semesters of their freshman year, regardless of Greek affiliation. If a meal plan is not selected, the 100 meal block will be automatically assessed. ALL members holding a meal plan in the fall semester will be automatically assessed for the same meal plan in the spring semester, regardless of Greek affiliation or classification. Freshmen who are a part of a group or activity such as a fraternity or sorority that requires participation in a separate meal program may purchase the 50 meal block, offered in the spring semester only. Flex Dollars are restricted to food locations on campus, including prepared food locations, vending machines, coffee shops, and convenience stores. **All meal plans are served in the JC, Union Food Court, Fresh Food Market at the Residential College, JC Java City, and C-3 Express, except the All Access, which is accessible ONLY at the JC but does include 50 meals usable at C-3 Express, Union Food Court, JC Java City, and the Fresh Food Market at the Residential College for an additional fee per meal.** Unused meals are NOT carried over into the next semester. Meal plan participants are granted one meal per visit and a maximum of six meals per day from their plan. Each meal plan allows 10 guest meals, part of the total meals, per semester. Guest meals may be used to treat a guest or for personal use. Additional meals may be purchased with Flex Dollars, Ole Miss Express, cash, Visa, or MasterCard. The Residential College meal plan is included for all residents of the



Residential College. Changes in a meal plan resulting in a lesser plan are allowed only during the first two weeks of the semester with charges prorated accordingly. Changes must be submitted to the ID Center in writing before the change deadline to be considered. The first change is done at no charge, but a change fee of \$25 is deducted at the time of change for additional changes. Meal plans may not be accessed through the participant's ID card until one day before the first day of classes, provided that registration has been completed. Meals in the Union Food Court, JC Java City, or C-3 Express that are purchased using a meal swipe are based on a "cash equivalency" valued at \$7 per meal. If the purchase is greater than \$7, the difference, plus any applicable taxes, may be taken from Flex Dollars, Ole Miss Express, or paid by cash, Visa, or MasterCard. Meal equivalency for the Residential College is based on a meal swipe plus an additional fee.

**REQUIRED FLEX DOLLARS:** In fall 2009, all first-, second-, and third-year students will be assessed for \$200 Flex Dollars. In fall 2010, all undergraduate students will be assessed for \$200 Flex Dollars. Flex Dollars are billed to the student's account along with other registration charges, and the Flex Dollars will set up automatically on the Ole Miss ID Card. The Flex Dollar program is designed to supplement students' campus-dining needs. The allotted \$200 equates to about \$13 per week or about \$1.85 per day. Flex dollars can be used at all Ole Miss Dining locations, all on-campus vending machines, and the Starbucks coffee shop in the Ole Miss Bookstore.

**Meal Membership Options:**

PLAN	GUEST MEALS	PRICE PER MEAL	YOUR COST
"All Access" w/50 meal block	10	\$4.38	\$1,249.00
200 meals	10	\$6.00	\$1,199.00
150 meals	10	\$6.99	\$1,049.00
100 meals	10	\$7.99	\$799.00
"Greek" 50 meals (spring only)	10	\$7.98	\$399.00

**Residential College Meal Membership (required for all Residential College residents:**

PLAN	GUEST MEALS
Residential College Plan w/100 meal block	10

See: [http://www.olemiss.edu/depts/stu\\_housing/rcollege/](http://www.olemiss.edu/depts/stu_housing/rcollege/)

**OTHER EXPENSES**

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APPLICATION FEE for residents—\$25.00; nonresidents—\$50.00

COURSE CHANGE FEE

For each add and each drop made after the last day to register.....\$5.00

SPECIAL CLASS FEE charged on certain courses up to \$30 per hour or \$5.00 to \$100.00 per course.

## REGISTRATION FEE

The university's registration process consists of three phases. You may register for courses during any of the phases; however, a nonrefundable registration fee of \$50 for Phase 2 registration or \$100 for Phase 3 registration will be assessed. As an incentive for students who register early, the university will waive the registration fee for students who register during Phase 1. The fee is also waived if you are a newly admitted student registering at Ole Miss for the first time. The dates for Phase 1, 2, and 3 registration periods are published in the Academic Calendar for each semester.

CANCELLATION FEE.....the lesser of \$100 or 5 percent of total assessment  
Assessed when a student cancels enrollment after classes officially begin.  
This fee also is applicable to students who withdraw during the  
100 percent refund period. There is no fee if a student officially  
withdraws prior to the first day of classes.

## INTERNATIONAL STUDENT SERVICE FEE

Fall or spring semester .....100.00  
Summer term.....30.00 per term

## INTERNATIONAL STUDENT INSURANCE FEE

Fall semester .....430.00  
Spring semester (includes coverage during summer terms) .....602.00

## INTENSIVE ENGLISH PROGRAM

Tuition for one semester .....3,600.00  
TOEFL preparation course .....600.00  
Books for one semester (estimated).....300.00

## EXAMINATION FEES

American College Test  
National.....40.00  
Residual.....50.00  
Advanced Standing Examination, per semester hour.....5.00

RETURNED CHECK FEE.....20.00

ID CARD REPLACEMENT FEE .....30.00

## PERSONAL EXPENSES

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**Ole Miss Express** • Ole Miss Express is an **optional** declining balance spending account usable at select locations on and off campus. Requests to bill Ole Miss Express to a student's bursar account are granted **only** before the start of each semester or upon approval through the Office of Financial Aid. Financial aid deferment requests must be submitted through the Office of Financial Aid Web site. Participants may not withdraw cash from their Ole Miss Express account. All Ole Miss Express account balances are carried forward each semester. Using the remainder of the balance, de-enrollment, or refund requests will close an Ole Miss Express account.

**Books** • New and used textbooks can be purchased at the Ole Miss Bookstore. The cost of new books per semester is about \$600 for freshmen and most other undergraduate students. However, by taking advantage of used books available at the bookstore, students can reduce the cost to about \$500 a semester. Ole Miss Express is honored at the bookstore.

**Other Expenses** • Students should budget for other personal expenses that may arise, such as clothing, supplies, transportation, and entertainment.

## **PAYMENT OF FEES**

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The billing and due dates for tuition and fees (housing, meal plan, special course fees, international student fees/insurance, and registration fees) occur on the following dates (or the last working day of the month if the billing date falls on a weekend or the previous working day if the due date falls on a weekend or holiday):

<b>Enrollment Period</b>	<b>Billing Date</b>	<b>Due Date</b>
Fall Semester	July 31	August 15
Wintersession, Spring Semester	November 30	December 15
May Intersession, Full Summer, and First Summer	April 30	May 15
Second Summer	May 31	June 15
August Intersession	June 30	July 15

If payment is not received by the due date, a monthly 1.5 percent service fee will be assessed on the unpaid balance of tuition and fees. Payments may be made during the enrollment period; however, to avoid holds on future registration periods, tuition and fees must be paid in full, and other charges must be paid by the due date.

The begin date for the calculation of the 1.5 percent service fee is the due date regardless of the date that a student obtains a schedule. For example, if a student registers for the fall semester on August 25, and payment is not made by August 15, the student account is subject to a 1.5 percent service fee on the unpaid tuition and fees.

## **DELINQUENT ACCOUNTS**

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Regular student account balances and student loan balances are collected by the Bursar's Office, and, if not paid, constitute a delinquent account. The university reserves the right to withhold re-admission and/or registration for future terms to a student until all delinquent amounts owed to the university have been paid. Diplomas and course transcripts are not issued for students whose accounts are delinquent. Delinquent accounts may be referred to a collection agency, in which case the account will be assessed all costs of collection, including reasonable attorney fees, whether or not a lawsuit is commenced as part of the collection process.

## **REFUND POLICIES**

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1. If you are unable to attend UM for any reason, you must officially withdraw by sending a signed letter addressed to the Registrar's Office.
  - a. You are responsible for sending a letter as soon as you know that you will not be attending UM.
  - b. Your letter can be mailed or faxed.
  - c. To avoid a financial obligation to UM, the letter must be postmarked or the fax must be sent **PRIOR** to the first day of classes for the semester or term.
  - d. If you officially withdraw **PRIOR** to the first day of classes for the semester or term, you will receive a credit for 100 percent of tuition, fees (with the excep-

tion of the nonrefundable registration fee), housing, and any remaining balance on meal plan or Ole Miss Express.

- i. Any financial aid that you received for the semester or term must be repaid in full, and will be posted to your student account in the Bursar's Office.
2. **After classes begin**, UM has **two withdrawal/drop periods**. One period pertains to refunding of tuition and fees, and the other period pertains to recording of grades on your transcript.
- a. The periods for withdrawing from UM or dropping from full-time to part-time status to receive a **refund of tuition and fees** are as follows:
    - i. Fall or spring semester
      1. First 10 class days of the semester
      2. **There are no refunds after the 10th class day.**
    - ii. Intersession (May, August, or winter)
      1. First two class days of the term
      2. **There are no refunds after the second class day.**
    - iii. Full summer term (pertains only to a course that is taught the full eight-week term)
      1. First five class days of the term
      2. **There are no refunds after the fifth class day.**
    - iv. First or second summer terms
      1. First three class days of the term
      2. **There are no refunds after the third class day.**
    - v. Refunds are determined as follows:
      1. If you **withdraw** from UM during the refund period, you will receive a 100 percent refund of tuition less a processing fee of up to \$100.
        - a. If you receive any financial aid, the Office of Financial Aid will perform a calculation to determine a prorated amount of funds that must be repaid. Any repayments will be posted to your student account in the Bursar's Office.
        - b. Certain fees are nonrefundable such as registration fee and international student health insurance.
        - c. Refunds for meal plans and Ole Miss Express are determined by the ID Center.
        - d. Refunds for housing charges are determined by the Department of Student Housing and Residence Life.
      2. If you **drop from full-time to part-time status** during the refund period, you will receive a 100 percent refund of tuition for the difference between full time and part time.
        - a. If you receive any financial aid, the Office of Financial Aid will perform a calculation to determine a prorated amount of funds that must be repaid. Any repayments will be posted to your student account in the Bursar's Office.
        - b. Certain fees are nonrefundable such as registration fee and international student health insurance.
  - b. The periods for dropping a course for the purpose of **avoiding grade liability** are as follows:
    - i. Fall or spring semester

1. First 30 class days of the semester
2. **“W” or “F” grades are given for classes dropped after the 30th class day.**
- ii. Intersession
  1. First five class days of the term
  2. **“W” or “F” grades are given for classes dropped after the fifth class day.**
- iii. Full summer term (pertains only to a course that is taught the full eight-week term)
  1. First 20 class days of the term
  2. **“W” or “F” grades are given for classes dropped after the 20th class day.**
- iv. First or second summer terms
  1. First 10 class days of the term
  2. **“W” or “F” grades are given for classes dropped after the 10th class day.**

**Ole Miss Express Refund Policy:** All refund requests must be submitted in writing to the ID Center. Refunds take at least 10-14 days to process and are subject to approval. Refunds to students upon graduation will be processed without charge. All others require a \$20 processing fee, which is deducted from the member’s account before the refund is applied to the student’s bursar account.

**Flex Dollars Refund Policy:** Any remaining balance on a Flex Dollars account is carried forward each semester. Carryover balances may not be used to meet future required deposits. Flex Dollars amounts deposited as part of the freshman, sophomore, or junior requirement are not transferable or refundable **except** in cases of official withdrawal from the university or upon graduation. All other refund requests will be honored only after proof of enrollment at another institution is provided, or if the student is not enrolled after the close of enrollment for the next academic semester. Any approved refunds are processed with a \$20 drop fee, and the remaining balance is forwarded to the last known home address after any bursar account balances are satisfied.

**Meal Plan Refund Policy:** Meal plans are refunded only to commuting freshmen, non-freshmen, and to students who are no longer enrolled at the university. Meal plan refunds are calculated using the following schedule:

**Computed from the first day of class:**

First five working days .....	90%
Between 6 and 10 working days .....	70%
Between 11 and 15 working days .....	50%
Between 16 and 20 working days .....	30%
After 20 working days .....	0%

No changes or refunds are available for summer meal plans after the start of the summer session.

**Canceling Housing Contract •** Requests for canceling a housing contract are subject to the terms of the housing contract and must be made in writing to the Office of Student Housing and Residence Life. In case of dismissal from the university during the contract period, the student will be financially responsible for the entire contract amount.

**Committee on Refunds** • Due to extenuating circumstances, students may petition for consideration of a tuition refund not provided for in the university's Refund Policy. Petitions with complete details of the situation including supporting documentation should be sent to Committee on Refunds, Office of the Bursar, P.O. Box 1848, University, Mississippi 38677. Petitions must be received within one year of the first day of class for the semester for which the appeal is being made. An appeal form can be found on the Office of the Bursar's Web site under Refund Information. Petitions for refunds of housing costs should be sent to the Housing Appeals Committee, Student Housing and Residence Life.

## **SUMMARY OF ESTIMATED COSTS**

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Average cost per Mississippi resident for tuition, fees, room, food, and books is about \$14,000.00 for the academic year of two semesters. Other expenses for personal maintenance and recreation will have to be considered by each individual.

## **LEGAL RESIDENCE**

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**Legal Residence of Students** • The university applies the definitions and conditions stated here as required by state law in the classification of students as residents or non-residents for the assessment of fees.

Requests for a review of residency classification should be submitted to the registrar; forms for this purpose are available from the Office of the Registrar. To be applicable for a particular semester, such requests must be accompanied by documentation that all residency requirements have been met by the last day to register for that semester.

**MINORS** — The residency of a minor (less than 21 years of age) is that of the father, the mother, or a general guardian duly appointed by a proper court in Mississippi. If a court has granted custody of the minor to one parent, the residence of the minor is that of the parent who was granted custody by the court. If both parents are dead, the residence of the minor is that of the last surviving parent at the time of that parent's death, unless the minor lives with a general guardian, duly appointed by a proper court of Mississippi, in which case his residence becomes that of the guardian. A student who, upon registration at a Mississippi institution of higher learning or community college, presents a transcript demonstrating graduation from a Mississippi secondary school and who has been a secondary school student in Mississippi for not less than the final four (4) years of secondary school attendance shall not be required to pay out-of-state tuition. This section shall not apply to a person as it relates to residency for voter registration or voting.

**REMOVAL OF PARENTS FROM MISSISSIPPI** — If the parents of a minor who is enrolled as a student in an institution of higher learning move their legal residence from the state of Mississippi, the minor is immediately classified as a nonresident student.

**TWELVE MONTHS OF RESIDENCE REQUIRED** — No student may be admitted to the university as a resident of Mississippi unless his residence, as defined above, has been in the state for a continuous period of at least 12 months immediately preceding his admission.

**RESIDENCE IN AN EDUCATIONAL INSTITUTION CAN BE COUNTED** — A student who has lived within the state for 12 months following his twenty-first birthday may establish residence in his own right by showing that he is living in the state with the intention of abandoning his former domicile and remaining in the state permanently, or for an indefinite length of time.

**RESIDENCE STATUS OF A MARRIED STUDENT** — A married student may claim the residence of the spouse, or may claim independent residence status under the same regulations, set forth above, as any other adult.

CHILDREN OF PARENTS WHO ARE EMPLOYED BY THE UNIVERSITY — Dependent children of parents who are members of the faculty or staff of the university may be classified as residents without regard to the residence requirement of 12 months.

MILITARY PERSONNEL ASSIGNED ON ACTIVE DUTY STATION IN MISSISSIPPI — Members of the U.S. armed forces on extended active duty and stationed within Mississippi may be classified as residents, without regard to the residence requirement of 12 months, for the purpose of attendance at the university. Resident status of such military personnel who are not legal residents of Mississippi (as defined in Section 37-103-13 of House Bill 409, passed during the 1988 session of the Mississippi Legislature) shall terminate upon their reassignment for duty in the continental United States outside the state of Mississippi.

CHILDREN OF MILITARY PERSONNEL — Resident status of children of members of the armed forces on extended active duty shall be that of the military parent for the purpose of attending the university during the time that their military parents are stationed within Mississippi and shall be continued through the time that military parents are stationed in an overseas area with last duty assignment within the state. Resident status of minor children shall terminate upon reassignment under permanent change of station orders of their military parents for duty in the continental United States outside the state of Mississippi, excepting temporary training assignments en route from Mississippi.

CERTIFICATION OF RESIDENCE OF MILITARY PERSONNEL — A military person on active duty stationed in Mississippi who wishes to avail himself or his dependents of the provisions of the paragraph titled "Military Personnel Assigned on Active Duty Station in Mississippi" must submit a certificate from the military organization showing the name of the military member, the name of the dependent, if for a dependent, the name of the organization of assignment and its address (may be in the letterhead), that the military member will be on active duty stationed in Mississippi on the date of registration at the university; that the military member is not on transfer orders; and the signature of the commanding officer, the adjutant, or the personnel officer of unit of assignment with signer's rank and title. A military certificate must be presented to the registrar of the university each semester at (or within 10 days prior to) registration for the provisions of the paragraph "Military Personnel Assigned Active Duty Station in Mississippi," named above, to be effective.

FAMILIES OF STUDENTS — The spouse and children of a nonresident student who pays or receives a waiver of the nonresident fee may enroll in the university upon payment of the appropriate fees charged to a resident. Nonresident fees for spouses and children of part-time nonresident students will be prorated.

**Responsibility of Students** • Residency classification of an applicant for admission is determined by the Office of Admissions and is stated on the Admission Certificate issued. Students should notify the registrar immediately by letter of any change in legal residence.

# Academic Regulations

The regulations published in the Undergraduate Catalog are a digest of the rules of the institution. Changes may be made in the regulations at any time to promote the best interests of the university and its students. **Students are responsible** for knowing the published regulations, policies, and standards of the university and of their college or school.

## CLASSIFICATION

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A student's class standing is determined by the number of semester hours of course work completed, as follows:

	Semester Hours
FRESHMAN	0-29
SOPHOMORE	30-59
JUNIOR	60-89
SENIOR	90 or more

The student's academic dean determines which of the hours of completed course work may be applied towards a degree. To be classified as **full-time**, a student must be taking at least 12 semester hours. Students enrolled for fewer than 12 hours are classified as **part-time**.

## CLASS SCHEDULES AND REGISTRATION

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**Advising and Student Responsibility** • The university provides an academic advising system that requires each student to consult with an academic adviser prior to each registration period. The adviser's role is to assist the student in making course selections and to approve the student's schedule. The student, however, bears the ultimate responsibility for making appropriate choices when scheduling classes, including schedule changes made during the drop-add period. Although colleges, schools, and departments may monitor the final class schedule of students in their respective programs, the student also bears the ultimate responsibility for meeting all degree requirements. Where there is doubt concerning requirements, authoritative information may be obtained from the office of the student's academic dean.

**Prerequisites** • Some courses have prerequisites, which are listed in the Courses of Instruction chapter of this catalog. A student may not take a course unless these prerequisites have been met. Exceptions can only be made in special cases with the prior consent of the instructor, the department chair, and the dean.

In a continuous course sequence (such as ENGL 101, 102 or MATH 261, 262, 263, 264), the prior courses are prerequisite to the subsequent courses unless otherwise stated. Thus, a student who has failed one semester of a continuous course sequence may not take a subsequent course in that sequence until the failed course has been passed. In the case of modern language sequences (such as SPAN 101, 102, 201, 202), a student may begin at any level but then must take any subsequent courses in order.

**Registration Eligibility** • To be eligible to register for classes, a student must be: (1) a new student who applies for admission and receives a CERTIFICATE OF ADMISSION, (2) a continuing student from the preceding regular semester or summer term, or (3) a former student, not enrolled in the preceding regular semester or summer term, who applies for re-admission and receives a CERTIFICATE OF RE-ADMISSION.



**New Student Registration** • Each new undergraduate student attends an orientation session prior to, or at the beginning of, the student's first semester. During this session, new students are given special assistance in setting up their first class schedule and are able to register for their classes. (See beginning of Student Life chapter.)

**Responsibility for Fees** • Students accept the responsibility for maintaining acceptable grades and for the payment of fees at the time they preregister. Fee payments are handled by mail. If a student has not made arrangements to pay fees or withdraw from the university by the end of the regular registration period, the student will be assessed the late registration fee.

**Full-time Course Load and Maximum Course Load** • Full-time enrollment at the undergraduate level is defined as 12 credit hours for a fall or spring regular registration period. This definition does not depend on the mode of course delivery or the location of the course. However, courses taken as Independent Study are not counted toward the course load of a given semester. The maximum course load is 21 hours for a regular semester. Students are advised not to take more than 18 hours without a compelling reason and a **cumulative** GPA four-tenths of a point above 2.0 for each extra hour desired. **To register for more than 18 hours, a student must seek permission from his or her dean's office.**

**Priority Registration** • Continuing students may register for the next semester's classes by using the university's World Wide Web page on the Internet ([www.olemiss.edu](http://www.olemiss.edu)). Schedule booklets are distributed about six weeks before the end of a semester. An academic adviser must approve each student's schedule. The time when a student may begin registration varies for different categories of students; priorities for various groups are listed in the schedule booklet. Students accept the responsibility for maintaining acceptable grades and for the payment of fees at the time they preregister. Fee payments are handled by mail. If a student has not made arrangements to pay fees or withdraw from the university by the end of the regular registration period, the student will be assessed the late registration fee.

**Registration** • Students also may register for a semester during the several days prior to the beginning of classes. After consultation with an academic adviser, the student selects a schedule using the Web page system, and fees are paid on campus.

**Late Registration** • Students who do not register before classes begin have until the last day to register, which is the 10th day of classes of a regular semester, to complete the process. During this period, a late registration fee will be assessed. No student will be permitted to register for classes after the last day to register without a serious and compelling reason approved by the dean of the student's school or college. In no case may a student register after the last regular class day in any semester.

**Late Payment of Fees** • Completed enrollment includes the payment of tuition and fees. Students who anticipate late payment for good reason may appeal to the Late Registration Committee by submitting a petition letter to the bursar prior to the last day to register. Students whose petitions are approved are assessed, in addition to the late fee, a reinstatement fee plus a fee for each class day from the last day to register until payment is received. Students completing registration after the last day to register will not be permitted to use the deferred payment plan. Fee payment is not permitted after the last regular class day in any semester.

**Drop-Add Procedures** • Students may add courses, using the online Web page, through the fifth day in which classes meet during a regular semester. After the fifth day, students must have the approval of the instructor in the course. After the 10th day of classes (the last day to register), courses may be added only under extraordinary cir-

cumstances approved by the dean of the school or college in which the student is enrolled, and a small fee will be assessed per added course. In no case may a student add a class after the last regular class day in any semester.

A student may drop any course, using the registrar's Web page, until the course withdrawal deadline, which is 4:45 p.m. on the 30th day in which classes meet during a regular semester. However, after the 10th day of classes a small fee will be assessed per dropped course. No indication of enrollment in a course properly dropped will be shown on any university record.

**Late Withdrawal from a Course** • After the course withdrawal deadline, a student may drop a course only in cases of extreme and unavoidable emergency as determined by the student's academic dean. Unacceptable reasons for late withdrawal include dissatisfaction over an expected grade or a change in a student's degree program or major. In no case may a class be dropped after the last regular class day in any semester, session, or term.

Courses dropped after the course withdrawal deadline will still appear on the student's official transcript. The W mark will be recorded if the student is passing the course at the time of withdrawal; the F grade will be recorded if the student is failing.

**Withdrawal from the University** • A student who wishes to withdraw from the university during the course of a semester or summer term can withdraw online at my.olemiss.edu, or they can provide written notification either via fax, mail, or in person to the Office of the Registrar. Appropriate university offices (Student Housing, Financial Aid, Bursar, ID Center, Library, and Academic Dean) will be notified of the withdrawal. Full refunds of tuition and fees (minus a processing fee) are given for withdrawals during the first 10 days of classes of a regular semester, and no refunds are given after the 10th day of classes. Students who withdraw must apply for readmission if not enrolling for the subsequent term.

A student required to withdraw from the university for involuntary military service may be given full credit for course work in progress provided at least four-fifths of the course requirements have been completed. The student's academic dean will decide if the four-fifths requirement is met, and the student's instructors will decide whether or not final examinations will be required.

**Summer Term Deadlines** • During a summer term, the last day for full refunds on complete withdrawals is the third day of classes, which is the last day to register or add courses, and the course withdrawal deadline is the 10th day of classes.

## **EXAMINATIONS**

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**Regulations Governing All Examinations** • A student's failure to appear for an examination without an acceptable excuse, absence from the room during the course of an examination without the consent of the examiner, or attempting any portion of an examination without submitting his or her answers shall result in failure of the examination. Tardiness beyond 15 minutes forfeits a student's right to an examination.

**Final Examinations** • A final examination, to be given at the time posted in the examination schedule, is required in each undergraduate course, unless the appropriate chair and dean have approved an exception. A student who has three or four final examinations in one day may arrange with the course instructor to take the noon or 7:30 p.m. examination at another time. In order to give a final examination at any time other than that shown in the posted examination schedule, an instructor must have prior approval of the department chair and dean.

## CREDITS AND GRADES

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**The Semester Hour** • A semester hour is the unit of credit earned over one semester for the work associated with one class hour per week of lecture or recitation, or two to four hours per week of laboratory.

**Class Attendance** • It is the responsibility of the instructor to notify classes at the outset of each course of the class attendance requirements. It is the responsibility of the student to comply with the class attendance policy.

Students must attend the first meeting of every course for which they are registered, unless they obtain prior departmental approval. Without such approval, a student who is absent from the first class meeting may be dropped from that class by the dean of the school or college with the responsibility for the course. A student who incurs excessive absences in a given course may receive a grade of F for the course, and, in addition, may be dismissed from the class upon recommendation of the instructor and approval by the student's academic dean. When it appears to an instructor that a student has discontinued a class without officially dropping the course, the instructor will report this fact to the student's academic dean. The university reserves the right to dismiss from the university any student who has been excessively absent from multiple courses.

Class absences may occur when a student represents the university in official competitions or performances (athletic teams, cheerleading, band, chorus, orchestra, debate, theatre, ROTC, etc.). In these cases, academic departments and faculty should exercise fair and consistent standards for resolving questions of missed assignments and tests. Faculty and staff who supervise student teams and organizations are expected to schedule competitions and performances to minimize the number of classes that students will be forced to miss. Names of participating students and the dates of class conflicts should be provided to the students' instructors prior to participation. Students and instructors should resolve potential conflicts regarding class attendance before the semester course withdrawal deadline.

**Pass-Fail Grading for Exercise and Leisure Activity Courses** • The pass-fail basis is the only grading available for all one-hour (EL) exercise and leisure activity courses.

**Grade Symbols** • A final grade is the instructor's evaluation of a student's achievement throughout a semester's work in a course. Factors upon which the final grade may be based include attendance, recitation, written and oral quizzes and tests, reports, papers, the final examination, and other class activities. The evaluation is expressed according to the following letter system:

PASSING GRADES	FAILING GRADE	OTHER MARKS
A Excellent	F Failure	I Incomplete
B Good		IP In Progress
C Satisfactory		W Withdrawn
D Lowest passing grade		X Audit
P Pass		
Z Credit granted		

**Grade Points and GPA** • The grade-point average (GPA) is computed by dividing the number of ABCDF-graded hours attempted at The University of Mississippi into the total number of grade points earned at the university. Grade points per credit hour are assigned as follows: A = 4; B = 3; C = 2; D = 1; F = 0. The lowest C average is defined as a GPA of 2.00. Correspondence courses are not included in the GPA calculation.

**F Grade** • The grade of F is recorded if the student has failed on the combined evaluation of work through the semester, or if the student officially withdraws from the course after the course withdrawal deadline and was failing the course at the time of withdrawal.

**P Grade** • The grade of P is recorded for a student who earns a passing grade after enrolling in an exercise and leisure activity course on a pass-fail basis. P grades are not used in computing the student's GPA. F grades recorded for pass-fail course work are, however, computed in the GPA as F grades. The P grade is not used in determining whether a student qualifies to graduate with academic honors.

**Z Grade** • The Z grade is given to a student who earns a passing grade in certain courses for which the traditional grades of A, B, C, and D are deemed inappropriate. Courses for which the Z grade is authorized are denoted in the catalog listings; ABCD grades are not awarded in these courses. The Z grade is also given for advanced placement credit, for credit by examination as in the College Level Examination Program, for credit earned in some Study Abroad courses, for credit based on Armed Forces experiences, and for credit earned in a course for which a student has appropriately exercised the "Z grade option" described below.

Z grades are not used in computing a student's GPA; F grades recorded for Z-graded course work are, however, computed in the GPA as F grades. The Z grade is not used in determining whether a student qualifies to graduate with academic honors.

**I Mark** • The temporary mark of I (incomplete) is given to a student when, for unusual reasons acceptable to the instructor, course requirements cannot be completed before the end of the semester. The instructor must submit an I Mark Assignment Form to the registrar detailing the work to be completed and the deadline for completion. The registrar will convey a copy to the student. COURSE FAILURE OR UNEXPLAINED CLASS ABSENCES MAY NOT BE USED AS REASONS TO ASSIGN AN I MARK. I marks are not computed in determining a student's GPA. If an I mark for an undergraduate student has not been changed to a regular grade before the course withdrawal deadline (the 25th day of classes) of the next regular semester (excluding summer terms), the I automatically changes to an F and is computed in the GPA. AN I MARK MAY NOT BE REMOVED BY FORMALLY ENROLLING IN THE SAME COURSE IN A SUBSEQUENT SEMESTER AT THIS UNIVERSITY OR ANY OTHER INSTITUTION.

**IP Mark** • The mark of IP (in progress) may be assigned to the first course in specifically designated course sequences whose nature is such that a regular grade would not be appropriate until the conclusion of the second course. Although a student's course load reflects registration for the first course, both credit hours and grade points for the work done in both courses are assigned only upon completion of the second course. The IP mark is permanent, but is not used in computing the student's GPA. Course sequences for which the IP mark is authorized are denoted in the catalog listings.

**W Mark** • The W mark is recorded if the student obtains authorization to withdraw from a course after the course withdrawal deadline and was not failing the course at the time of withdrawal. The W mark is not computed in determining the GPA.

**The Z Grade Option** • A current undergraduate student who is classified as a junior or senior may elect to take one course for credit toward the student's undergraduate degree that would ordinarily be graded on an A, B, C, D, or F basis but for which the student will receive either a Z or an F grade. Upon making this election, the student will receive a Z grade for the course if the student earns the equivalent of a C or higher in the course; otherwise, the student will receive an F grade. To make this Z grade election as to a particu-

lar course, the student must obtain the approval of the student's dean. The election may not be made as to the following courses: (1) a course that a student will use to satisfy university core curriculum requirements; (2) a course that a student will use to satisfy the required curriculum component of any major or minor course of study or any degree (that is, the courses specifically identified as required or the minimum semester hours in particular subjects or in a department indicated as required); and (3) a course that a student will use to satisfy any requirement of a major or minor course of study or degree that a minimum number of hours be taken in courses of a particular level or higher (e.g., 300 level or higher). If a student elects to take a course on a Z grade basis but then subsequently changes degree plans such that the course becomes one to which one of the foregoing exclusions apply, then the student must retake and receive credit for the course on an A, B, C, D, or F basis. A student who elects to take a course for a Z grade under this policy may rescind this election up through the last day for registering or adding classes, but not thereafter. Conversely, a student who registers to take a class offered on an A, B, C, D, or F basis but would be entitled to elect to take the class on a Z grade basis according to this policy may make this election up through the last day for registering or adding classes, but not thereafter.

**X Mark** • The mark of X is recorded for the student who enrolls as an auditor in a course and who fulfills all requirements established by the instructor for auditing students. If the student does not meet the requirements, no recording of the course is made to the student's permanent record. The deadline for changing one's status in a course to or from "audit" is the course withdrawal deadline.

**Change of Grade** • A course instructor may change a reported grade only if the original grade was incorrectly assigned due to clerical or computational error, or if a student meets the requirements for the removal of an I mark.

**Repeating a Course** • No course may be repeated for credit if the prior grade received was an A, B, or C unless the course is specifically authorized for repeat credit, or unless a higher grade is required as a prerequisite for a specific course. A course where the first grade received was A, B, or C may be taken again for audit credit with the consent of the instructor.

A student may repeat a course if the first grade received was D, F, Z, or P. Credit may be applied toward a degree only once, unless the course is specifically authorized for repeat credit. All grades will remain on the student's permanent record and will be computed in the student's overall GPA, except when the forgiveness policy is invoked.

**The Forgiveness Policy** • A current undergraduate student may improve his or her overall GPA by repeating a maximum of two courses in which the student received a grade of D or F, and requesting that the repeat grade be the only one counted in the GPA calculation. The repeat must be in the same course, taken at The University of Mississippi in fall 1992 or later. The student must file a Petition to Invoke Grade Forgiveness Policy with the registrar, stating which one or two courses are to be forgiven. Once the student has declared a course, a different course cannot be substituted for it at a later date. The forgiveness policy cannot be used to remove grades given for reasons of academic discipline. Forgiveness of a course grade will not change notations concerning academic standing or honors in the student's official record for the semester containing the forgiven course.

Although both courses will remain on the student's permanent record, the last grade received will be the one used to determine credit towards a degree and GPA. The first attempt will be recorded with both the grade earned and the symbol R to denote that it has been repeated. The recalculated GPA will be used for determining graduation honors.

The forgiveness policy does not apply to students enrolled in the professional program in the School of Pharmacy for grades received in required professional courses as designated in the curricula for the B.S. in Pharmaceutical Sciences and Doctor of Pharmacy degrees.

**Grade Reporting** • Reports of final grades are available through the registrar's online Web page.

## **CREDIT BY EXAMINATION**

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A student must earn 12 hours at The University of Mississippi before any of the following credit-by-examination hours may be recorded on the student's transcript. The total number of hours one may earn through credit-by-examination programs is 63. The grade of Z is granted for these credits.

**Advanced Placement (AP)** • Students who participate in the College Entrance Examination Board Advanced Placement Program offered through their high school, and who earn appropriate scores on the AP examination, will receive the following academic credit:

<b>Examination</b>	<b>AP Score</b>	<b>UM Course</b>	<b>Credit Hours</b>
Art History	3-5	AH 101	3
Biology	3-5	Bisc 102	3
Chemistry	4-5	Chem 105	3 (no lab credit)
Computer Science A	3	Csci 103	3
	4-5	Csci 111	3
Computer Science AB	4-5	Csci 112	3
Economics: Macro	4-5	Econ 203	3
Economics: Micro	4-5	Econ 202	3
English Lit/Comp or Lang/Comp	3-4	Engl 101	3
	5	Engl 101, 102	6
European History	4-5	His 101	3
French Language	4-5	Fr 101, 102	6
French Literature	4	Fr 331	3
German Language	4-5	Germ 101, 102	6
Government and Politics: Comparative	3-5	Pol 102	3
Government and Politics: United States	3-5	Pol 101	3
Latin: Virgil	3	Lat 331	3
	4-5	Lat 331, 332	6
Mathematics: Statistics	4-5	Math 115	3
Mathematics: Calculus AB	4-5	Math 261	3
Mathematics: Calculus BC	4-5	Math 261, 262	6
Music Theory	3-5	Mus 102	3

Physics B	4	Phys 213	3
	5	Phys 213, 214	6
Physics C: Mechanics	4-5	Phys 211	3
Physics C: Electricity and Magnetism	4-5	Phys 212	3
Psychology	4-5	Psy 201	3
Spanish Language	4-5	Span 101, 102	6
Spanish Literature	4-5	Span 331	3
Studio Art: 2-D Design	4-5	Art 101	3
U.S. History	4-5	His 105	3
World History	4-5	100-level His	3

**College Level Examination Program (CLEP)** • Receiving CLEP credit in a specific degree program requires the approval of the dean and department chair concerned **prior to taking the examination.**

CLEP SUBJECT EXAMINATIONS. Students who earn appropriate scores on selected CLEP examinations will receive the following academic credit:

<b>Examination</b>	<b>Minimum Score</b>	<b>UM Course</b>	<b>Credit Hours</b>
American Government	50	POL 101	3
Biology	50	Bisc 102	3
Chemistry	50	Chem 105, 106*	6
College Algebra	50	Math 121	3
College Algebra— Trigonometry	50	Math 125	3
English Composition**	50	Engl 101	3
French Language	50	Fr 101, 102	6
French Language	62	Fr 101, 102, 201, 202	12
German Language	50	Germ 101, 102	6
German Language	63	Germ 101, 102, 201, 202	12
Human Growth and Development	50	Psy 301	3
Introductory Business Law	50	Bus 250	2
Introductory Psychology	50	Psy 201	3
Introductory Sociology	50	Soc 101	3
Principles of Accounting	50	Accy 201, 202	6
Principles of Macroeconomics	52	Econ 203	3
Principles of Microeconomics	53	Econ 202	3
Spanish Language	50	Span 101, 102	6
Spanish Language	63	Span 101, 102, 201, 202	12
Trigonometry	50	Math 123	3
U.S. History I: Early Colonization to 1877	50	His 105	3
U.S. History II: 1865 to the Present	50	His 106	3

Western Civilization I: Ancient Near East to 1648	50	His 101	3
Western Civilization II: 1648 to the Present	50	His 102	3

\* Credit is granted in chemistry only if the student also submits a passing score on the American Chemical Society Test administered by the university's Department of Chemistry and Biochemistry. No credit is granted for chemistry lab courses.

\*\* Beginning fall 2008, credit is granted only for the version of the English Composition exam that consists of 50 questions and an essay.

**International Baccalaureate (IB) Credit** • The University of Mississippi accepts credit by examination through the International Baccalaureate program. The College of Liberal Arts uses the following guiding principles for awarding International Baccalaureate credit: The student must take the Higher Level (HL) version of the course, the student must earn a score of 5 or higher on the examination, and the course must be approved by the appropriate department chairperson.

The following IB courses have been pre-approved for credit:

<b>IB Course Title</b>	<b>UM Credit</b>
Biology	Bisc 160, 161 (4 credit hours) Z-graded
English A1	Engl 222 (3 credit hours) Z-graded
History/Americas	His 106 (3 credit hours) Z-graded
History/Europe	His 102 (3 credit hours) Z-graded
Language B	Span, Fr, or Germ 202 and 303 (6 credit hours) Z-graded
Mathematics	Math 261 (3 credit hours) Z-graded
Music	Mus 330 (2 hours), Mus 309 (2 hours), and Mus: ST 2XX (2 hours)
Philosophy	Phil 101 (3 credit hours) Z-graded
Psychology	Psy 201 (3 credit hours) Z-graded
Theatre Arts	Thea 201 (3 credit hours) Z-graded

As students present transcripts for other International Baccalaureate courses taken at the Higher Level (HL), then the appropriate department will review the course/exam and decide the appropriate University of Mississippi credit.

**Advanced Standing Examination** • An advanced standing examination is one taken by a student who has had the equivalent of the course under competent instruction but cannot secure credit by transcript. An Application for Special Examination Form, provided by the registrar, must be approved by the instructor giving the examination and the student's academic dean. A fee is assessed for an advanced standing examination.

No more than 6 semester hours may be credited through advanced standing examinations. Credit by examination will not be given on work completed in high school (except for the Advanced Placement Program), or on work in excess of 65 semester hours transferred from a junior college. If a student enters a more advanced course in the subject, the advanced standing examination should precede registration for the course, and in no case may the examination be given for credit later than three weeks after entering the more advanced course.

**Credit for Educational Experiences in the Armed Forces** • Credit toward a degree may be granted to those students who submit to the Office of Admissions a certified copy



of either D.D. Form 295 or D.D. Form 214, which indicates an honorable discharge and a period of continuous active duty for at least 90 days. Four semester hours in one of the university ROTC programs, or as physical education or elective credit, will be granted for basic training or its equivalent. Upon successful completion of 18 months with the Army National Guard/Active Army Reserve, an additional 6 hours will be awarded in the Army ROTC program. An additional 12 semester hours of credit in one of the ROTC programs may be granted to students who earned a commission while in service. Additional credit for training in formal service schools will be granted on the basis of recommendations published in A GUIDE TO THE EVALUATION OF EDUCATIONAL EXPERIENCES IN THE ARMED SERVICES or the recommendations of the Commission on Accreditation of Service Experiences to the extent that the recommended credit can be evaluated as equivalent to a specific university course. The maximum credit allowed from these sources is 40 semester hours.

Credit also may be granted for correspondence courses completed through a United States Armed Forces Institute program up to the maximum of 33 semester hours for credit from all correspondence courses. Credit is not granted for correspondence courses administered by the armed services.

## **TRANSFER CREDIT**

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**Evaluation of Transfer Credits** • When a transfer student enrolls at the university, all transfer course work is evaluated and accepted work is recorded, without changes in grades, as part of the student's permanent academic record.

The dean of the college or school to which the applicant is admitted determines which transfer credits will apply to the degree program. Students ordinarily receive no transfer credit for courses designed specifically for technical and vocational career programs. The status of a student's transfer credits will be re-evaluated whenever the student changes his or her degree program.

A minimum GPA of 2.00 must be earned on all course work applied toward a bachelor's degree, including a student's accepted transfer and resident credits. To graduate, students also must have a minimum 2.00 GPA on all college course work attempted, as well as on all course work taken in residence at The University of Mississippi.

**The limit on the acceptance of credit from a junior or community college is one-half the total requirements for graduation in a given curriculum.**

**Transfer of Nontraditional Credits** • Transfer of credits earned in a nontraditional manner, such as credit by examination or for military experience, is determined on the same basis and by the same criteria as if the student had sought such credit originally at The University of Mississippi and without regard to the amount of credit awarded by the institution from which the student is transferring. In any case, The University of Mississippi does not transfer or award credit on the basis of ACT scores or the Achievement Tests of the College Board.

**Courses Taken by a University of Mississippi Student at Another Institution** • Once admitted to the university, a student must obtain written approval of his or her academic dean before taking courses at another institution with the intention of transferring credits toward a University of Mississippi degree.

A student will not receive credit for courses taken at another college or university while simultaneously attending The University of Mississippi unless prior approval is obtained from the student's academic dean.

## UNDERGRADUATE CREDIT FOR GRADUATE COURSES

Undergraduate students of junior or senior standing may enroll in 500-level courses for undergraduate credit. Students receiving undergraduate credit for a course will have lower requirements than students receiving graduate credit for the course.

## GRADUATE CREDIT FOR SENIOR UNDERGRADUATES

Seniors within 15 semester hours of completing the requirements for the bachelor's degree may enroll for a maximum of 3 semester hours of graduate courses at the 500 level and seniors within 12 semester hours of the bachelor's degree may enroll for a maximum of 6 semester hours of graduate courses at the 500 level, on which graduate credit may be given towards a degree program in the Graduate School. The student must have a GPA of at least 3.00 on the last 60 hours of undergraduate work and be otherwise qualified for admission to the Graduate School. These courses must not be counted toward satisfying the requirements for the bachelor's degree. The department chairman concerned and the dean of the Graduate School must approve the courses for graduate credit before the undergraduate enrolls in them. In no case may more than 6 semester hours be earned by an undergraduate for graduate credit. Courses taken by undergraduates for graduate credit will be designated on the transcript with the suffix G. Under no circumstances may undergraduates enroll in courses at the 600 level or above.

## ACADEMIC STANDING

There are four different categories of academic standing based on a student's academic performance: good standing, academic probation, academic suspension, or academic dismissal. Probation, suspension, and dismissal become effective at the end of the semester in which the student fails to attain the GPA specified in the rules following. Although the student will usually receive official notification of such action, notification is not a prerequisite to the student's being placed on probation, suspended, or dismissed. **It is the student's responsibility to ascertain his or her academic status prior to the beginning of each semester.**

**Academic Probation** • A student will be placed on academic probation when his or her cumulative GPA falls below an acceptable level as listed below. "Hours attempted" includes all previously earned credit hours (including hours transferred from other institutions; P and Z graded hours; and hours earned by examination or advanced placement) plus all attempted but unearned hours (including I, IP, L, and F graded courses).

Hours Attempted	Minimum GPA
1-30	1.60
31-60	1.80
61 or more	2.00

A student who is on academic probation will continue on probation until his or her cumulative GPA reaches that required for good standing according to the number of hours attempted, or until the student's GPA for any semester falls below 2.00 while he or she is on probation.

**Academic Suspension** • A student on academic probation who fails to earn a GPA of at least 2.00 in any term that he or she is on probation will be suspended. For this calculation, an I mark will be computed as an F. Readmission to the university will be denied

for at least one regular semester (not including the summer term). The student will be eligible to return at the end of that semester. Both the suspension and the readmission will be recorded on the student's permanent record. No student shall be academically suspended unless he or she has been placed on probation for at least one semester.

**Academic Dismissal** • If a student is on probation as a result of having returned from an academic suspension or dismissal, and fails to meet the 2.00 GPA retention standard for any semester, then he or she will be academically dismissed for one calendar year. For this calculation, an I mark will be computed as an F. The student may appeal for readmission at the end of this year; readmission will be determined by the Faculty Committee on Readmission Appeals, and is automatic for students who have been dismissed only one time. No student shall be academically dismissed from the university unless he or she has first been previously academically suspended or dismissed.

Students who have been suspended or dismissed for longer than 48 months may wish to consider the Academic Restart option described in the Admission to the University chapter.

**Readmitted Students** • A student who returns after an academic suspension or dismissal will automatically be on academic probation. No work earned elsewhere during the suspension or dismissal will be used either in the calculation of the candidate's academic status, nor transferred as credit toward a degree. However, students may remove deficiencies by taking deferral courses (removing high school deficiencies) or developmental courses (DS 097, DS 098 or DS 099) elsewhere.

**Part-time Students** • Part-time students (those carrying fewer than 12 hours, graded and ungraded combined, per semester) on academic probation will stay on probation until the term in which they have attempted 12 or more hours since the last determination of status. At the end of that term, their status will be recalculated as if all the new work had been done in a single term, and a new status will be determined.

**Repeated Probation** • A student who has been moved from probation to good standing will be subject to new academic action in accordance with the preceding rules exactly as if the student had never been previously placed on probation, suspended, or dismissed.

## **DEGREE REQUIREMENTS**

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The following requirements are established by the university for all undergraduate degrees. The student also must complete additional requirements for each specific degree; these are established by each college and school within the university and are described elsewhere in this catalog.

**University Core Curriculum** • The core curriculum is a set of 30 hours of course work taken by students. The core includes the following courses required for all entering freshmen students: 6 hours of English composition,\* 3 hours of college algebra or quantitative reasoning or statistics (taken from a department of mathematics) or a more advanced mathematics course; 6 hours of laboratory science; and 15 hours of humanities, social/behavioral sciences, and fine arts (to include at least 3 hours of course work from each area).

\* Honors students may satisfy English composition requirements by taking English 207H and 208H.

The purpose of the core curriculum, along with course work in the major, electives, and co-curricular learning experiences, is to provide a general education experience for students to enable them to

1. Study the principal domains of knowledge and their methods of inquiry;
2. Integrate knowledge from diverse disciplines;
3. Analyze, synthesize, and evaluate complex and challenging material that stimulates intellectual curiosity, reflection, and capacity for lifelong learning;
4. Communicate qualitative, quantitative, and technological concepts by effective written, oral, numerical, and graphical means;
5. Work individually and collaboratively on projects that require the application of knowledge and skill;
6. Understand a variety of world cultures as well as the richness and complexity of American society; and
7. Realize that knowledge and ability carry with them a responsibility for their constructive and ethical use in society.

**Intended General Education Student Learning Outcomes:** Upon completing the core curriculum, along with certain courses within the program/major and co-curricular learning experiences, University of Mississippi baccalaureate-seeking students should demonstrate the following general education competencies:

- mathematical reasoning
- written and oral communication
- analytical reasoning/critical thinking (evaluation and analysis of complex material and sources of information)
- ethical reasoning/responsibility

**Minimum Credit Hours** • All baccalaureate degree programs require at least 124 semester hours with passing grades. Students who take more than the required number of hours will designate on a Degree Application Form which courses are to be applied towards the degree.

**Minimum Grade-point Average** • For the award of a bachelor's degree from any school or college of The University of Mississippi, a student must earn a GPA of at least 2.00 on all course work submitted in fulfillment of the course requirements for the degree. In addition, the student must earn a minimum GPA of 2.00 on all course work attempted at The University of Mississippi. Finally, the student must have a minimum 2.00 GPA on all college work attempted at any institution of higher learning.

There may be additional grade requirements for the College of Liberal Arts or the professional schools. It is the **student's responsibility** to check on the requirements applicable to the specific degree for which he or she is a candidate.

**Academic Residency Requirements** • All courses taken at The University of Mississippi Oxford campus, at any of the university's resident centers in Tupelo, Jackson, Southaven, or other locations in Mississippi, through the university's Department of Independent Study by a University of Mississippi student, or through approved study abroad and exchange programs where the student is registered in University of Mississippi courses, are considered to be courses taken in residence.

At least 25 percent of the semester credit hours required for an undergraduate degree (e.g., 31 hours for a 124-hour degree) must be taken in residence. At least 30 semes-

ter hours of residence credit must be taken in the school or college recommending the degree. Both hours taken before and after a student declares a major in a particular school or college may be used to satisfy the 30-hour residence requirement.

**Last 21-Hour Residency Requirement** • Students must acquire at least *15 of their last 21 credit hours* in residence at the university. That is, no more than 6 of the last 21 hours may be transfer credit. A student may not apply courses taken from the university's Independent Study department or via the university's study abroad or exchange programs towards this 15-hour requirement unless the student has obtained written approval from the student's academic department and dean before enrolling in the course.

**Degree Application** • Each senior must file a degree application, listing courses and credit hours to be applied towards the degree, with his or her academic dean. Deadlines for submitting this application are set by the college and schools.

**Diploma Application** • A candidate for graduation must submit an application for a diploma to the registrar on or before the deadline for the application for diploma, as stated in the Academic Calendar. Application is made for graduation at a specified time; if a student fails to graduate at that time, he or she must submit another application to be considered for graduation at a later date.

**Commencement** • Attendance at commencement exercises is required for those students who graduate at the end of spring or summer semesters. In case of hardship, a student may petition his or her academic dean to be excused. With the recommendation of the dean and the approval of the chancellor, the degree can be awarded in absentia. Students who graduate at mid-year are invited to participate in the spring commencement, but are not required to attend.

**Second Bachelor's Degree** • The University of Mississippi may confer a second bachelor's degree upon either its graduates or those of another institution when a student has completed the specific course requirements for the second degree as defined by The University of Mississippi. In addition to the credits used for the first degree, the candidate for the second bachelor's degree must complete at least 30 semester hours in residence from the school or college recommending the degree, with a minimum 2.00 GPA for those courses.

**Curriculum Changes** • Whenever possible, the university allows a student to obtain a degree by completing the curriculum course requirements in the catalog in effect at the time of the first, or any subsequent, registration at The University of Mississippi or at an accredited junior, community, or senior college, provided the work is completed within six years of the publication date of the catalog used. In the case of minor changes to a specified curriculum, a school or college may require substitute courses or activities to meet the spirit of the requirements. However, in the case of substantial changes to the curriculum, the university reserves the right to require currently enrolled students to follow a new curriculum.

## **HONORS**

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**Honor Roll Requirements** • Undergraduate students who earn a semester GPA of 3.50-3.74 will be listed on the Dean's Honor Roll; those who earn a semester GPA of 3.75-4.00 will be listed on the Chancellor's Honor Roll. To be eligible for honor roll designation, a student must have completed at least 12 ABCDF-graded hours for the semester and may not be on academic probation during the semester.

**Graduation with Honors** • For excellent scholarship, The University of Mississippi awards bachelor's degrees CUM LAUDE, MAGNA CUM LAUDE, and SUMMA CUM LAUDE.

**General Requirements** • To graduate with honors, a student must have the recommendation of the faculty, and must never have undergone disciplinary suspension, dismissal, or expulsion. Graduation honors are based on a student's cumulative GPA on all college work attempted. However, courses numbered below 100, grades which have been removed under the forgiveness policy, and grades earned before Academic Restart are not included in calculating the GPA for honors. At least 63 semester hours of work must be completed at The University of Mississippi. The required GPA must be attained on all work attempted in residence at The University of Mississippi separately considered, as well as on all college work attempted both at the university and at other institutions, including independent study (correspondence or Internet-based) courses taken, regardless of whether such work has been accepted for transfer credit at the university.

**Cum Laude** • To be eligible for a degree CUM LAUDE, a student must have a grade-point average of 3.50 or above but below 3.75 on all college work attempted.

**Magna Cum Laude** • To be eligible for a degree MAGNA CUM LAUDE, a student must have a grade-point average of 3.75 or above but below 3.90 on all college work attempted.

**Summa Cum Laude** • To be eligible for a degree SUMMA CUM LAUDE, a student must have a grade-point average of 3.90 or above on all college work attempted.

## ACADEMIC CONDUCT

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**Standards of Honesty** • The university is conducted on a basis of common honesty. Dishonesty, cheating, or plagiarism, or knowingly furnishing false information to the university are regarded as particularly serious offenses. Disruptive behavior in an academic situation or purposely harming academic facilities also are grounds for academic discipline.

**Disciplinary Procedures** • In the College of Liberal Arts and in the Schools of Accountancy, Business Administration, and Education, faculty members handle cases of academic dishonesty in their classes by recommending an appropriate sanction after discussion with the student. Possible sanctions include: failure on the work in question, retake of an examination, extra work, grade reduction or failure in the course, disciplinary probation, or suspension or expulsion from the university. An appeals process is available to the student. A more complete statement concerning definitions, offenses, penalties, and grievance procedures may be found at <https://secure.olemiss.edu/umpolicyopen/index.jsp>.

The Schools of Law, Pharmacy, and Engineering deal with disciplinary infractions through their student bodies, which maintain Honor Code systems.

# College of Liberal Arts

Glenn W. Hopkins, dean

Janice Murray, associate dean

Holly Reynolds, associate dean

Ronald F. Vernon, associate dean

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<http://www.olemiss.edu/libarts/>

## OVERVIEW

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**Scope of the Program** • The College of Liberal Arts offers a broad and comprehensive course of study including most areas of knowledge in the humanities, the fine and performing arts, mathematics, and the biological, physical, and social sciences.

## HISTORY/MISSION/PURPOSE

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Founded in 1848 with four professors, the College of Liberal Arts is the oldest and largest division of the university. Students seeking a general education may acquire intellectual and civic competence; lay the broad foundation needed for specialized training in law, medicine, theology, and other professional fields; and prepare themselves for advanced study, research, and teaching in the humanities, fine arts, mathematics, and sciences.

All degrees in the College of Liberal Arts include required course work in the natural sciences, social sciences, mathematics, humanities, and fine and performing arts, while permitting some liberty in the selection of courses within these areas. In these courses, the student is introduced to the fundamentals of scholarship in the main branches of knowledge, is provided with an orientation that may help identify a field of knowledge that attracts the student's interest, and prepares a foundation to support scholarship in his or her chosen field.

Course work in a student's major, minor, related area, or electives (depending upon the type of degree chosen) provides access to advanced instruction and specialized equipment to prepare the student for responsible leadership in the professional, civic, social, and economic spheres of society, and creates a foundation that may enrich character and provide the resources for living a meaningful and useful life.

## DEGREES OFFERED

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The college offers the **Bachelor of Arts** degree with a major in 31 fields and **Bachelor of Science** degrees in 11 fields. Other courses of study lead to the **Bachelor of Fine Arts** and **Bachelor of Music**. At the graduate level, the college supports 16 **Master of Arts** degrees, four **Master of Science** degrees, two **Master of Fine Arts** degrees, the **Master of Music** degree, and 10 **Ph.D.** degrees.

## **ADMISSION POLICIES**

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**Admission to the College** • Students may designate the College of Liberal Arts upon admission to the university. Some degree programs in the College of Liberal Arts have additional admission requirements: B.F.A. in art, B.A. in international studies, B.A. in music, B.M. in music, B.A. in public policy leadership, and B.F.A. in theatre arts. These additional requirements are listed in the departmental major and minor requirements in this section.

## **COLLEGE SPECIFIC ACADEMIC REGULATIONS OR PRACTICES**

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**A. Program Completion Requirements** (*Section A is common to all undergraduate programs in the college*)

**Total Hours Required** • At least 124 semester hours with passing grades must be completed for any liberal arts degree. Departmental requirements may exceed this number.

**Advanced Work Requirement** • At least one-third of the hours applied toward a degree must be at the 300, 400, or 500 level. For example, a student qualifying for a degree with 124 semester hours must show at least 42 hours of work at the 300 level or above.

**Total Grade Points** • A student must attain at least 2.00 grade points for all ABCDF-graded credit hours attempted. Z- and P-graded credit hours are not included in this calculation. Thus, a student qualifying for a degree with 118 ABCDF-graded hours and 6 Z-graded hours would need 236 grade points to meet the requirement, whereas the same student would need 248 grade points if all 124 hours were ABCDF-graded.

**Exercise and Leisure Activity Courses** • While exercise and leisure activity (EL) courses are not required, a maximum of 6 hours of these courses may be counted toward a liberal arts degree. These courses are taken only on a pass-fail grading basis.

**Electives in the Professional Schools** • A maximum of 30 hours of electives or work applied toward a minor may be taken in the professional schools at The University of Mississippi and applied to a liberal arts degree. All of this work may be done in one school or may be divided among several of the schools.

**Degree Application** • Each senior must apply for a degree by returning a completed Degree Application Form to the dean's office in the semester preceding the semester in which the student expects to graduate. The dean's office sets the application deadlines and notifies students of their specified deadlines by letter, e-mail, and e-newsletter. This deadline will allow the student time to make any schedule changes required to complete all degree requirements and should guard against the disappointment of having graduation delayed. After obtaining the form from the dean's office, the student lists the courses he or she plans to submit for graduation, and then takes the form to his or her academic adviser and major department chair for certification that all degree requirements will have been met. A double major requires the signatures of both department chairs. The student then returns the form to the dean's office for final certification that the courses listed on the application qualify the student for graduation.

**The degree application should not be confused with the diploma application**, which is filed only after the degree application has been approved by the dean. The diploma application is an online form that must be filed during the semester of anticipated graduation.



## Bachelor of Arts (B.A.)

### B. General Education/Core Curriculum (sections B and C for the B.A.)

**B.A. Required Curriculum** • Listed in the table below are the general education courses that the college requires for all B.A. degree programs. Details of the requirements are described following the table. This B.A. required curriculum includes all university core courses. CLEP and/or AP credit can be used toward fulfilling these requirements. Students should note that some majors and minors require specific courses within the following categories.

<b>B.A. Required Curriculum</b>	<b>Semester Hours</b>
English composition	6
English literature survey	6
Modern or ancient language	6 to 12
Science (from two different departments)	9 to 11
History	6
Mathematics	3
Social sciences	6
Additional humanities	3
Fine or performing arts	3

**ENGLISH.** The requirement consists of 6 hours of English composition and 6 hours from a menu of 200-level literature survey courses. The standard composition sequence consists of Engl 101 and either Engl 102 or Liberal Arts (Liba) 102. The composition courses are not sequential. However, Liba 102 is reserved exclusively for first-year students. The literature survey courses that satisfy this requirement are Engl 221, 222, 223, 224, 225, and 226. Engl 250 does not satisfy this requirement. Engl courses at the 300, 400, or 500 level may not be used to satisfy this requirement.

**MODERN OR ANCIENT LANGUAGE.** The university offers courses in Arabic, Chinese, French, German, (Ancient) Greek, Italian, Japanese, Latin, Portuguese, Russian, and Spanish. Students must complete 6 hours at the 200 level or above in one modern or ancient language to fulfill this requirement in the College of Liberal Arts. Those who complete 100- and/or 200-level courses overseas may not take equivalent courses on campus.

Students may elect to continue the language begun in high school or may choose to begin another language. Those entering the university with fewer than two years of high school French or Spanish must enroll in French or Spanish 101. Students with two or more years of high school French or Spanish must enroll in French or Spanish 121, or a higher-level course. Once the language sequence has been entered, the student must successfully complete each course prior to beginning the next in the sequence and is not allowed to go backwards in the sequence. The general education modern or ancient language requirement may not be fulfilled with courses taken online or through Independent Study (except for Ancient Greek and Latin). Questions regarding placement in all other languages should be directed to the departments of Classics or Modern Languages.

Speakers of languages other than English who wish to enroll in classes in their native language must begin their language studies beyond the 300 level and must consult with the departmental adviser before enrolling in courses.

**SCIENCE.** Courses may be chosen from the departments of Biology, Chemistry and Biochemistry, Geology and Geological Engineering, or Physics and Astronomy. Two se-

mesters of course work in one subject and one semester in a subject from another department are required. At least two of the courses taken must include laboratories. For some classes, the required laboratory will be an additional 1-hour course. For example, a student might take two 3-hour lecture courses in chemistry along with the two associated 1-hour laboratory courses, and one 3-hour course in biology without laboratory. As a second example, a student might take two 4-hour lecture/laboratory courses in geology and one 3-hour course in astronomy. As a third example, a student might take two chemistry courses, one with lab and one without, and a geology course with lab. Note that a student taking the required 6 hours of one subject (astronomy, physics, or physical science) from the Department of Physics and Astronomy must take the remaining 3 hours from another department. Astronomy 101 and 102 do not include laboratory work; Astronomy 103 and 104 include laboratory work and satisfy the requirements for lab-based science credits. A student may not receive credit for taking Astr 101 or 102 with either Astr 103 or 104.

**HISTORY.** Students who prefer to satisfy the requirement at the 300 level must wait until their sophomore year because freshmen are not allowed in those courses. However, the history department strongly recommends that students complete 6 hours of lower-division history courses before enrolling in a 300-level course. The permission of the chair of the Department of History is required to use 400-level courses to meet the requirement.

**MATHEMATICS.** Courses that meet the mathematics requirement are mathematics courses at the 100 level or above except for Math 245 and Math 246.

**SOCIAL SCIENCE.** Courses may be chosen from anthropology, economics, political science, psychology, and sociology.

**ADDITIONAL HUMANITIES.** The course may be chosen from African American studies; classical civilization; environmental studies 101; gender studies (G St 201, 301, 333); philosophy; religion; and Southern studies (S St 101, 102). In addition, gender studies courses that are cross-listed with African American studies, classical civilization, English, modern languages, philosophy, or religion courses will satisfy this requirement.

**FINE OR PERFORMING ARTS.** The course may be chosen from art history, music, dance, and theatre arts. Studio and workshop courses cannot be used to satisfy this requirement. Acceptable freshman or sophomore-level courses are Art History 101, 102, 201, 202; Music 101, 102, 103, 104, 105; Dance 200; Theatre 201. Students who have completed 30 semester hours of undergraduate course work may fulfill the requirement with a 300- or 400-level art history course.

### **C. College Specific and Collegewide Degree Requirements**

**Major** • The purpose of the major in the B.A. degree is to afford students the opportunity to study one subject area in depth. In some cases, the major in the B.A. prepares the student for a profession or for advanced study in graduate or professional degree programs. Each student must complete a major course of study of at least 24 hours in one department. An exception to this rule is the B.A. in liberal studies, which requires a student to complete three minors, as well as to fulfill other requirements. Requirements for each department are listed in the departmental major and minor requirements in this section.

An overall grade-point average of C (2.00) or higher is required in all work applied toward the major. Students must earn at least 12 hours of their major courses in residence, and must achieve a 2.00 GPA or higher in all major courses taken in residence. A student may not count a cross-listed course toward both major and minor requirements.

Double majors may not count a cross-listed course toward both majors. In some majors, a minimum grade of C is required for each course applied toward the major.

**Minor** • The purpose of the minor requirement is to afford the student diversity in learning and intellectual development through concentration in an area that is different from that of the major. A student must complete a minor course of study (or complete a second major) in a department different from the one in which the student takes his or her major. \* Unless otherwise specified, a minor consists of 18 hours. Requirements for each department are listed in the departmental major and minor requirements in this section.

An overall GPA of 2.00 or higher is required in all work applied toward the minor. Some departments require a minimum grade of C in each course applied toward the minor. Students must earn at least 6 hours of their minor courses in residence and must achieve a 2.00 average or higher in all minor courses taken in residence. A cross-listed course may not be counted toward both major and minor requirements.

A minor may be taken in any liberal arts department or center that offers a major. Minors in Air Force/aerospace studies, environmental studies, gender studies, military science, naval science, and Renaissance and Early Modern studies are also available. Minors also may be chosen in certain disciplines in the professional schools; these disciplines are listed below, and the requirements may be found in the program listings for the College of Liberal Arts. Students may declare a minor at any time by completing the proper notification in the dean's office, but they must declare a minor when they complete their degree application (see Degree Requirements section of this chapter).

A MINOR IN ACCOUNTANCY consists of Accountancy 201, 202, 303, 304, and 6 additional hours of accountancy courses.

A MINOR IN BUSINESS ADMINISTRATION consists of Accountancy 201, 202; Economics 202, 203; and 6 additional hours of business administration courses at the 300 level or higher.

A MINOR IN ENGINEERING consists of 18 hours of course work in one of the following areas of emphasis: general engineering, chemical engineering, civil engineering, electrical engineering, geological engineering, or mechanical engineering. The courses are to be chosen with the advice and approval of a faculty adviser assigned by the dean of engineering. Students interested in the engineering minor should acquaint themselves with the mathematics, chemistry, and physics courses, which are prerequisite to the engineering courses listed.

A MINOR IN PARK AND RECREATION MANAGEMENT consists of Park and Recreation Management 194, 200, 302, 332, 362 or 472, and a 3-hour PRM elective. This minor will provide a knowledge base suitable for employment in municipal, state, federal, or commercial park and recreation management positions. It does not meet teacher certification requirements.

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\*Exceptions are the Department of Sociology and Anthropology and Department of Philosophy and Religion, where a student may take the major in one field and the minor or second major in the other, and the B.A. in African American studies, B.A. in international studies, and B.A. in Southern studies, which do not require a minor.

## Bachelor of Fine Arts (B.F.A.)

### B. General Education/Core Curriculum *(sections B and C for the B.F.A.)*

<u>B.F.A. Required Curriculum</u>	<u>Hours</u>
English composition	6
English literature survey	6
Natural science with laboratory	6 to 8
History	6
Mathematics	3
Social sciences	6
Additional humanities	3
Fine arts	3

See the B.A. general education requirements section for a definition of courses that satisfy the English composition and literature, social science, and humanities.

### C. College Specific and Collegewide Degree Requirements

B.F.A. degrees, which are in art and theatre, do not require a minor. All other specific requirements are shown under the art and theatre arts portions of the departmental major and minor section.

## Bachelor of Music (B.M.)

### B. General Education/Core Curriculum *(sections B and C for the B.M.)*

<u>B.M. Required Curriculum</u>	<u>Hours</u>
English composition	6
English literature survey	6
Natural science with laboratory	6 to 8
History	6
Mathematics	3
Social sciences	6
Additional humanities	3 to 12
Fine arts (can be a nonperformance course in major)	3

See the B.A. general education requirements section for a definition of courses that satisfy the English composition and literature, social science, humanities, and fine and performing arts requirements.

### C. College Specific and Collegewide Degree Requirements

The B.M. degree does not require a minor. All other specific requirements for this degree program are shown under the music portion of the departmental major and minor section.

## Bachelor of Science (B.S.)

### B. General Education/Core Curriculum *(sections B and C for the B.S.)*

**B.S. Degrees in the Natural Sciences and Mathematics** • Bachelor of Science students with majors in **biological science, chemistry, forensic chemistry, geology, mathemat-**

**ics**, or **physics** must follow the curriculum below. Details of the requirements are described below the table.

<b>Courses</b>	<b>Semester Hours</b>
English composition	6
English literature survey	6
Modern or ancient language	6 to 12
Social science and humanities, in one subject	6
Social science and humanities, in a second subject or subjects	6
Fine or performing arts	3
Related subjects	18
Major courses and electives, to bring total degree hours to at least 124	

See the B.A. general education requirements section for a definition of courses that satisfy the English composition and literature, modern and ancient language, and fine and performing arts requirements.

**SOCIAL SCIENCE AND HUMANITIES.** The courses may be chosen from anthropology or sociology, African American studies, classical civilization, economics, history, philosophy or religion, political science, and psychology. Six hours must be chosen in one subject, with the remaining 6 hours in a different subject or subjects.

**RELATED SUBJECTS.** Acceptable related subjects for each major are given in the following table.

<b>Major</b>	<b>Related Subjects</b>
Biological Science:	Anthropology, chemistry, geology, mathematics, physics, psychology
Chemistry:	Mathematics, physics
Forensic Chemistry:	Biology, mathematics, pharmacology, physics (up to 6 hours of pharmacology courses may be used)
Geology:	Biology, chemistry, computer science, mathematics, physics
Mathematics:	Astronomy, biology, chemistry, computer science, economics, geology, physics
Physics:	Mathematics

An overall GPA of 2.00 or higher is required in the 18 hours of related subjects. Transfer students must take at least 6 of these hours in residence.

Students should note that the university core curriculum requires two laboratory science courses. Students who do not fulfill this requirement with their major and related subject courses will have to earn additional science credit.

### **C. College Specific and Collegewide Degree Requirements**

A B.S. degree requires a major and 18 hours in related subjects. The requirements for the major are given in the individual degree program sections. A GPA of 2.00 or higher is required in all work applied toward the major. Students must earn at least 18 hours

of their major courses in residence, and must achieve a 2.00 or higher GPA in all courses taken in residence and applied towards the major.

#### D. Advising

**Academic Adviser** • Each student who is admitted to the College of Liberal Arts is assigned an academic adviser. A student who has declared a major will be assigned an adviser from that department. (A student who has not declared a major will be assigned to an academic adviser in the Academic Support Center.) All of the advising for the pre-health majors is done through the Academic Support Center. The adviser's primary role is to assist a student during registration periods in selecting courses appropriate for his or her degree program. In addition, the academic adviser is available throughout the student's entire course of study to discuss future plans or possible academic difficulties. Students are reminded that the faculty member's role is only to give advice. The ultimate responsibility for meeting all degree requirements belongs to the student.

#### E. Selecting and Changing a Major

**Declaring a Major** • A student may declare a major upon admission to the college. This declaration is not binding but allows the college to assign the student an academic adviser in the student's field of interest. An undecided student will be assigned an adviser in the Academic Support Center. Undecided students must inform the dean's office to declare a major.

**Change of Major** • Students who change their majors during the course of their studies must notify the dean's office so that a new adviser can be assigned. The college does not discourage changing the major, but the student should bear in mind that changes may delay graduation. Changing one's major is not sufficient reason for allowing a student to withdraw from a course after the course withdrawal deadline.

### RESEARCH AND SERVICE CENTERS

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Center for Archaeological Research

<http://www.olemiss.edu/research/anthropology/archaeology/>

Center for Population Studies

[http://www.olemiss.edu/depts/population\\_studies/](http://www.olemiss.edu/depts/population_studies/)

Center for the Study of Southern Culture

<http://www.olemiss.edu/depts/south/>

George McLean Institute for Community Development

<http://www.mcleancommunitydev.org/>

Mississippi Geographic Alliance

Public Policy Research Center

[http://www.olemiss.edu/depts/public\\_policy/](http://www.olemiss.edu/depts/public_policy/)

Southern Foodways Alliance

<http://www.southernfoodways.com/>

Social Science Research Laboratory

[http://www.olemiss.edu/depts/ss\\_research\\_lab/](http://www.olemiss.edu/depts/ss_research_lab/)

William Winter Institute for Racial Reconciliation

<http://www.winterinstitute.org/>

## **DEPARTMENTAL MAJOR AND MINOR REQUIREMENTS**

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### **AEROSPACE STUDIES**

Lt. Col. Steven A. Estock, chair • 312 BARNARD HALL • (662) 915-7357

#### **Minor in Aerospace Studies**

Description: A minor in aerospace studies offers familiarity with all aspects of U.S. air and space power. The minor comprehensively covers Air Force history, the evolution of air and space power application, national security affairs and the security process, and advanced leadership principles.

Course Requirements: A minor in aerospace studies consists of a minimum of 16 semester hours composed of AS 101, 102, 201, 202, 301, 302, 401, and 402. Leadership Laboratory courses (AS 111, 112, 211, 212, 311, 312, 411, 412) do not count as credit toward a minor in aerospace studies.

### **AFRICAN AMERICAN STUDIES**

Associate Professor Charles Ross, chair • 309 LONGSTREET HALL • (662) 915-5977  
[http://www.olemiss.edu/depts/afro\\_am/](http://www.olemiss.edu/depts/afro_am/)

Overview: The African American Studies Program offers a minor and Bachelor of Arts (B.A.) in African American studies, which are interdisciplinary programs that focus on the African American experience in the United States, especially in Mississippi and the South. Its objectives are to encourage students and faculty to examine the black experience, to facilitate a cultural and intellectual atmosphere on campus that will be favorable to such studies, and to undertake a program of research and service.

#### **B.A. in African American Studies**

Description: Students who pursue the major in African American studies will get a broad-based understanding of research in a variety of academic disciplines, with a particular focus on African and African American topics. Students will be provided with historical and contemporary data that will enable them to develop a comprehensive understanding of the life experiences of African Americans.

Goals/Mission Statement: The mission of African American studies is to research and teach about the history and culture of African Americans as members of American society. More specifically, the objectives of the program are to encourage students and faculty to examine the black experience, to facilitate a cultural and intellectual atmosphere on campus that will be favorable to such studies, and to undertake a program of research and service.

General Education Course Requirements: See the General Education/Core Curriculum for the College of Liberal Arts. Although other general education requirements for the B.A. degree must be met, the African American studies major does not require a minor.

Course Requirements: The African American studies interdisciplinary major consists of 42 semester hours, including 6 hours of basic core courses, 33 hours from the areas of specialization listed below, and the 3-hour senior seminar course. At least 12 of the 33 hours must be in a designated area of specialization. In addition, 12 hours must be chosen from one or both of the other two areas outside of the designated area of specialization.

I. Basic Core (6 credit hours)

- AAS 201 African American Experience I
- AAS 202 African American Experience II

II. Areas of Specialization (33 credit hours)

A. *African and African American History*

- AAS 170/HIS 170 Introduction to African History
  - AAS 310 Experiences of Black Mississippians
  - AAS 324/G St 321/His 324 Race, Gender, Courtship-African American History
  - AAS 325/His 307 African American History to 1865
  - AAS 326/His 308 African American History since 1865
  - AAS 362/G St 362/His 339 African American Women's History
  - AAS 392/His 387 History of Sub-Saharan Africa
  - AAS 438/His 327 Historical Perspectives on Slavery in the Americas
  - AAS 440/His 328 History of African Americans in Sports
  - AAS 442 The New Negro Era
  - AAS 443/His 329 The Civil Rights Era
  - His 460 Undergraduate Research Seminar in African History
  - AAS 498 African American Studies Directed Study
  - AAS 501 African American Studies Seminar
  - AAS 509/His 509 Historiography of African American History
- B. *African and African American Political and Social Institutions*
- AAS 302 Judicial System and the African American Experience
  - AAS 307/Anth 307 Peoples of Africa
  - AAS 308/Pol 307 Politics of Civil Liberties and Civil Rights
  - AAS 315/Pol 323 Politics of Sub-Saharan Africa
  - AAS 320/Pol 320 African American Politics
  - AAS 350/AAS 351 Topics in African American Studies
  - AAS 413/Soc 413 Race and Ethnicity
  - AAS 504 Research in African American Studies
- C. *African and African American Culture*
- AAS 334/S St 334 Introduction to Field Work Techniques
  - AAS 337/Anth 337 Anthropology of Blues Culture
  - AAS 341/Engl 322 African American Literary Tradition I
  - AAS 342/Engl 323 African American Literary Tradition II
  - AAS 360 Topics in African American Studies Abroad
  - AAS 371/Engl 371 African Literature
  - AAS 373/Engl 373 Caribbean Literature
  - AAS 386/AH 336 African and African American Arts
  - AAS 395/AH 369 Survey of Black American Art
  - AAS 412 Studies in Black Popular Culture
  - AAS 420 Major African American Writers
  - AAS 421 Readings in U.S. Black Feminism
  - AAS 441/Engl 441 Comparative Black Literatures
  - AAS 517/Mus 517 African American Musical Tradition
  - AAS 518/Mus 518 History of Jazz
  - AAS 593/Engl 593 African American Literature

III. Senior Seminar (3 credit hours)

- AAS 480 African American Studies Senior Seminar

Other Academic Requirements: A minimum grade of C is required in all courses applied toward the African American studies major.



## **Minor in African American Studies**

Course Requirements: The minor in African American studies consists of 18 semester hours. The program's two-course introductory sequence (African American Studies 201 and 202) is required. Six hours must be chosen from the following African and African American history courses: AAS 170/His 170, AAS 310, AAS 324/G St 321/His 324, AAS 325/His 307, AAS 326/His 308, AAS 362/G St 362/His 339, AAS 392/His 387, AAS 438/His 327, AAS 440/His 328, AAS 442, AAS 443/His 329, His 460, AAS 501, or AAS 509. Also 6 hours must be chosen from the following African and African American political, social institutions, and culture courses: AAS 302, AAS 307/Anth 307, AAS 308/Pol 307, AAS 315/Pol 323, AAS 320/Pol 320, AAS 334/S St 334/Anth 334/Soc 334, AAS 337/Anth 337, AAS 341/Engl 322, AAS 342/Engl 323, AAS 350, AAS 351, AAS 360, AAS 371/Engl 371, AAS 373/Engl 373, AAS 386/AH 386, AAS 395/AH 369, AAS 412, AAS 413/Soc 413, AAS 420, AAS 421, AAS 441/Engl 441, AAS 504, AAS 517/Mus 517, AAS 518/Mus 518, AAS 593/Engl 593.

## **ANTHROPOLOGY**

See the Department of Sociology and Anthropology.

## **ARCHAEOLOGY**

See the departments of Classics and Sociology and Anthropology.

## **ART**

Associate Professor Sheri Fleck Rieth, interim chair • 116 MEEK HALL • (662) 915-7193

<http://www.olemiss.edu/depts/art/>

Overview: The Department of Art offers a minor and the Bachelor of Arts (B.A.) in art history and a minor, Bachelor of Arts (B.A.), Bachelor of Fine Arts (B.F.A.), and Master of Fine Arts (M.F.A.) in art. For the B.F.A. in art, students complete an emphasis in ceramics, graphic/Web design, imaging arts, painting, printmaking, or sculpture. For the M.F.A. in art, students complete an emphasis in ceramics, painting, printmaking, or sculpture.

Accreditation: All degree offerings of the Department of Art are fully accredited by the National Association of Schools of Art and Design.

Preliminary Requirements: Entrance into the B.F.A. program is by application and competitive review. All B.F.A. candidates must pass a portfolio entrance review (the B.F.A. interview) after completing at least 18 and no more than 27 semester hours of art. Transfer students must submit their work for review; those with more than 27 credits must apply, but not all work may be accepted toward the B.F.A.

Additional Information: At least one-half of all studio hours counted toward any major in art must be earned in residence.

### **B.A. in Art**

Description: The B.A. in art is a broad liberal arts degree for students who want a general education with a strong emphasis on art and a minor in another discipline.

General Education Course Requirements: See the General Education/Core Curriculum for the College of Liberal Arts.

Course Requirements: A major in art for the B.A. in art degree consists of 33 hours of studio art and 9 hours of art history. The studio art requirements are Art 101, 102, 103, 111, 211, 202 or 360, and 15 additional hours of art (Art) courses. The art history requirements are AH 201 and 202 and 3 additional hours of art history (AH) at the 300 level or higher.

### **Minor in Art**

Course Requirements: A minor in art consists of 18 hours of studio art and 3 hours of art history. The studio art requirements are Art 101, 103, 111, and 9 additional hours of art studio (Art) courses, including 6 hours at the 300 level or higher. The art history requirement is 3 hours of art history (AH) at the 100 or 200 level.

### **B.A. in Art History**

Description: The B.A. in art history equips students with a broad overview of the development of Western and non-Western art. Graduates may pursue a career as a museum curator or educator, an art critic or appraiser, or may continue their education with graduate school in preparation for university teaching.

General Education Course Requirements: See the General Education/Core Curriculum for the College of Liberal Arts.

Course Requirements: A major in art history for the B.A. degree requires the completion of 33 semester hours of art history, including AH 201, 202, 355, 401, 403, 499, 3 hours of non-Western art history (AH 380 through 399), 3 hours of ancient art history (AH 310 through 329), 3 hours of medieval art history (AH 330 through 339), 3 hours of Renaissance/Early Modern art history (AH 340 through 349), and 6 additional hours of art history at the 300 or 400 level; and 9 hours of studio art (Art 101, 3 additional hours in two-dimensional art (Art 102, 111, or 381), and 3 hours in three-dimensional art (Art 103 or 340)).

### **Minor in Art History**

Description: Students majoring in history, anthropology, classics, or modern languages may want to consider a minor in art history because of the similar emphasis on cultural studies.

Course Requirements: A minor in art history requires the completion of Art 101 and 18 hours of art history, consisting of AH 201, 202, 3 hours of ancient through medieval art history (AH 310 through 339), 3 hours of Renaissance through modern art history (AH 340 through 359), 3 hours of non-Western art history (AH 380 through 399), and 3 additional hours of art history.

### **B.F.A. in Art**

Description: The B.F.A. in art is the professional undergraduate degree that prepares students for graduate study toward the M.F.A. degree. Students in the B.F.A. program pursue concentrated studies in ceramics, graphic/Web design, imaging arts, painting, printmaking, or sculpture.

General Education Course Requirements: General education requirements for the B.F.A. in art include the following:

Engl 101 and either Engl 102 or Liba 102 (6);  
English literature at the 200 level (6);  
natural science with lab, chosen from biology, chemistry, geology, astronomy or physics (6-8);  
history (3);  
social science, chosen from anthropology, economics, political science, psychology, sociology (3);  
mathematics (Math at the 100 level or higher, except for Math 245/246) (3);  
other humanities, chosen from African American studies, classics, philosophy, religion, gender studies (G St) 103, 201, 311, 333, 390, or Southern studies (S St) 101, 102 (3);  
fine arts other than visual arts, chosen from Mus 101, 102, 103, 104, 105; Danc 200, or Thea 201 (3);  
and electives to bring the total number of hours to 124.

Course Requirements: Requirements for the B.F.A. include the following:

15 hours of art history, including AH 201, 202, 401 (AH 305 may be repeated once with change in location);

21 hours of art foundation core: 101, 102, 103, 111, 211, 311, and either 202 or 360;

15 hours of first-level studio core: Take five of the following six courses: 321, 331, 340, 361, 381, and either 371 or 372;

15 hours of second-level studio core: Take five of the following seven courses: 312, 322, 332, 362, either 341 or 342, either 371 or 372, and either 382 or 383;

15 hours of advanced studio, 300- and 400-level courses (at least 12 hours must be in one studio area);

Pre-thesis Forum (405), 1-3 hours of thesis exhibit (491) and 1 hour of senior seminar (492).

Other Academic Requirements: Beginning the semester after admittance to the B.F.A. program, all B.F.A. students are required to participate in the B.F.A. Forum every semester until enrolling in Art 405 (Pre-thesis Forum) during the semester preceding their thesis exhibition; during the next (and last) semester, B.F.A. students are required to enroll in Art 491 (Thesis). Grades in Department of Art courses of less than C (2.0) will not be counted toward this degree.

## **ASTRONOMY**

See the Department of Physics and Astronomy.

## **BIOLOGY**

Professor Paul K. Lago, chair • 214 SHOEMAKER HALL • (662) 915-7203

<http://www.olemiss.edu/depts/biology/>

Overview: The Department of Biology offers a minor, Bachelor of Arts (B.A.), and Bachelor of Science (B.S.) degrees in biological science. At the graduate level, the department offers a Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) in biological science.

Preliminary Requirements: The B.A. and B.S. programs require Bisc 160, 161, 162, and 163 as initial courses. The prerequisite for Bisc 160 is a minimum ACT mathematics score of 22 (SAT 510) or B minimum in Math 121. These courses provide the foundation for subsequent work and are prerequisites for admission into advanced major courses.

Additional Information: Nonbiological science majors wishing to satisfy the university's laboratory science requirements may take Bisc 102 and 103 (Inquiry into Life: Human Biology) and Bisc 104 and 105 (Inquiry into Life: The Environment). These courses are designed to be relevant to the nonscience student. The two courses are not independent; Bisc 102 is prerequisite to BISC 104. Students not needing a laboratory may register for the lecture course (Bisc 102 or 104) alone. Students may also satisfy their science requirements by taking the Bisc 160-161,162-163 sequence that is designed for biological science majors, pre-health students, and teacher education students. Bisc 160, 161, 162, and 163 courses are appropriate for students who have not decided on a major but who think they may later become interested in medicine, teaching, or research in biology. Bisc 206, 207, and 210 can also be used to meet the university's lab science requirement but cannot be used toward a major in biological science. Students may not receive credit toward a degree for both 102 and 160, or both 104 and 162, or their respective laboratories.

Pre-medical and pre-dental students considering a major in biological science are urged to follow the recommended biological science class sequence and to declare a major by the end of their sophomore year. Health pre-professional students will find a biological science major particularly appropriate for their career goals.

Other Academic Requirements: Students must achieve a grade of C or better in all course work counted for the major in biological science, and every biological science course requires a grade of C or better in all prerequisite courses, including those prerequisite courses from other departments. For example, Bisc 160 and 161 must be passed with a grade of C or better before Bisc 162 and 163 may be taken. In addition, Bisc 160, 161, 162, and 163 must be passed with a grade of C or better before any additional biological science course at the 300 level or above is attempted.

Secondary education students should consult the School of Education for information about secondary education certification of high school science teachers.

## **B.A. in Biological Science**

Description: A B.A. in biological science can prepare a student for a variety of careers or for graduate work in many fields, including organismal biology, medicine, education, cell or molecular biology, ecology, and conservation biology.

General Education Course Requirements: See the General Education/Core Curriculum for the College of Liberal Arts. The math requirement (6 hours) may be met by Math 121 and either Math 115, 120, or 123. Alternately, this requirement may be fulfilled by two classes chosen from Math 125, 261-264.

Course Requirements: A major in biological science for the B.A. degree requires a minimum of 32 semester hours of biological science credit, including 24 at the 300 level or above. This requirement includes introductory courses (Bisc 160, 161, 162, 163); biological science core courses (Bisc 336, Genetics; Bisc 322, Ecology; and Bisc 330, Physiology); biological science electives (12 hours); and the major field achievement test (Bisc 498, which must be taken as a senior) (0 hours). Seminars and nonmajors courses do not satisfy the biological science electives requirement. Chem 105, 115, 106, and 116 are required and chemistry is a recommended minor.

## **B.S. in Biological Science**

Description: The B.S. in biological science prepares a student for a variety of careers or for graduate work in many fields, including organismal biology, medicine, education, cell or molecular biology, ecology, and conservation biology. This is the degree of choice for those aspiring to be professional scientists.

General Education Course Requirements: See the General Education/Core Curriculum for the College of Liberal Arts. In addition, Math 261 and 262 are required for the B.S. degree.

Course Requirements: A major in biological science for the B.S. degree consists of a minimum of 42 semester hours of biological science, including 34 at the 300 level or above. This requirement includes introductory courses (Bisc 160, 161, 162, 163) (8 hours); biological science core courses (16 hours); biological science electives (18 hours minimum); and the major field achievement test (Bisc 498, which must be taken as a senior) (0 hours). After the successful completion of Bisc 160, 161, 162, 163 as initial courses, students may enroll in advanced biological science courses that must include one course in each of the four B.S. biological science core areas: ecology (Bisc 322), genetics (Bisc 336), physiology (Bisc 330), and cell and molecular biology (Bisc 440). Seminars and nonmajor courses do not satisfy the minimum or 300-level requirements. In addition, two courses in calculus, 8 hours of general chemistry (Chem 105, 106, 115, and 116), and two semesters of organic chemistry (Chem 221, 222, 225, 226) are required. Bisc 336 and Bisc 330 should be taken during the sophomore year, and Bisc 322 and Bisc 440 should be taken during the junior year.

## **Minor in Biological Science**

Course Requirements: A minor in biological science consists of a minimum of 18 hours of biological science courses applicable for major-minor credit (see course descriptions) and must include Bisc 160, 161, 162, and 163. Bisc 322, 330, and 336 are recommended. No more than two nonlaboratory courses may be counted, and at least 6 hours must be at the 300 level or above. Directed Study (Bisc 491), seminars, and nonmajor courses do not satisfy minor requirements.

Other Academic Requirements: Every biological science course requires a grade of C or better in all prerequisite courses. For example, Bisc 160, 161, 162, and 163 must be passed with a grade of C or better before any additional biological science courses at the 300 level or above are attempted.

## **CHEMISTRY AND BIOCHEMISTRY**

Professor Charles L. Hussey, chair • 322 COULTER HALL • (662) 915-7301

<http://www.olemiss.edu/depts/chemistry/>

Overview: The Department of Chemistry and Biochemistry offers a minor in chemistry, Bachelor of Arts (B.A.) in biochemistry, B.A. in chemistry, Bachelor of Science (B.S.) in chemistry, and B.S. in forensic chemistry. At the graduate level, the department offers a Master of Science (M.S.) in chemistry, Doctor of Arts (D.A.) in chemistry, and Doctor of Philosophy (Ph.D.) in chemistry.

Accreditation: The B.S. chemistry degree is certified by the American Chemical Society. The B.S. in forensic chemistry program is accredited by the American Academy of Forensic Science.

## **B.A. in Biochemistry**

Description: The B.A. in biochemistry is designed for students who intend to pursue a career in medicine, dentistry, or other health-related fields. The curriculum associated with this degree program closely follows the recommendations of the American Society for Biochemistry and Molecular Biology (ASBMB), and it prepares students to take the MCAT and DAT.

General Education Course Requirements: See the General Education/Core Curriculum for the College of Liberal Arts.

Course Requirements: A major in biochemistry for the B.A. degree consists of the following 30 hours of courses: Chem 105, 106, 115, 116; 221, 222, 225, 226; 331 or 334; 471, 472 or 463 (2 hours),\* 473, and 580. Math 261, 262 and Phys 211, 212, 221, 222 or Phys 213, 214, 223, 224 are also required.

The following courses may not be used for major credit: Chem 101, 103, 104, 113, 114, 121, 201, 202, 271, 381, 382, or 383.

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\*With prior departmental approval, 2 hours of Chem 463 may substitute for Chem 472.

## **B.A. in Chemistry**

Description: The B.A. in chemistry is designed for students who wish to pursue a degree in the physical sciences with a broad liberal arts background. Some students use this degree program to prepare for admission to pharmacy school or as the basis for studies in environmental law. Students interested in teaching chemistry at the high school level may use this degree to prepare for alternate route teacher certification by following a specified curriculum with a minor in either biological science, mathematics, or physics.

General Education Course Requirement: See the General Education/Core Curriculum for the College of Liberal Arts.

Course Requirements: A major in chemistry for the B.A. degree consists of the following 28-30 hours of courses: Chem 105, 106, 115, 116; 221, 222, 225, 226; 314; 331 or 334; 463 (1 hour), and two courses from 332, 401, 415, 423, two additional hours of 463, 469, 471. Math 261, 262 and Phys 211, 212, 221, 222 or Phys 213, 214, 223, 224 are also required.

The following courses may not be used for major or minor credit: Chem 101, 102, 103, 104, 113, 114, 121, 201, 202, 271, 381, 382, or 383.

## **Minor in Chemistry**

Course Requirements: A minor in chemistry consists of 18 hours, including Chem 105, 106, 115, 116; 221, 222, 225, 226; and 3 hours at the 300 or higher level.

The following courses may not be used for minor credit: Chem 101, 103, 104, 113, 114, 121, 201, 202, 271, 381, 382, or 383.

## **B.S. in Chemistry**

Description: The B.S. in chemistry provides a rigorous foundation in the principal areas of basic chemistry. This program is designed for students who intend to pursue advanced studies leading to the M.S. or Ph.D. degrees in the chemical or biochemical sciences, or who wish to obtain employment as entry-level professional chemists in in-

dustrial or government laboratories. Students who intend to seek admission to combined M.D.-Ph.D. programs are advised to consider this degree program.

General Education Course Requirements: See the General Education/Core Curriculum for the College of Liberal Arts.

Course Requirements: A major in chemistry for the B.S. degree consists of the following 47 hours of chemistry courses: Chem 105, 106, 115, 116; 221, 222, 225, 226; 314; 331, 332, 337; 401, 402; 423, 469, 471, two semesters of 463, and an advanced course chosen from 473, 512, 519, 527, 528, 529, 530, 531, 532, 534, 544, or 563. Math 261, 262, 263, 264, and either 353 or 319 as well as Phys 211, 212, 221, 222 are also required.

The following courses may not be used for major credit: Chem 101, 103, 104, 113, 114, 121, 201, 202, 271, 381, 382, or 383.

### **B.S. in Forensic Chemistry**

Description: The B.S. program in forensic chemistry is intended for students who seek a career in a local, state, or federal crime laboratory. This program shares many elements in common with the department's B.A. program in biochemistry and therefore provides academic preparation for students who are interested in a career in medicine, dentistry, or other health-related professions.

General Education Course Requirements: See the General Education/Core Curriculum for the College of Liberal Arts.

Course Requirements: A major in forensic chemistry for the B.S. degree consists of the following 46-49 hours of chemistry courses: Chem 105, 106, 115, 116, 221, 222, 225, 226, 314, 331 or 334, 415 (or Csci 251), 459, 463 (3 hours), 469, 470, 471, 473, and 512. Also required are Phys 211, 212, 221, 222 or Phys 213, 214, 223, 224; Math 261, 262, 375; Bisc 160, 161, 162, 163, and 336; CJ 415 and either 230, 310, or 410; and Phcl 381.

Other Academic Requirements: Students must earn 36 hours in residence, including Chem 314, 459, 463, and 512. The capstone experience of this degree program, Chem 459, is a summer internship in a local, state, or federal crime laboratory.

The following courses may not be used for major credit: Chem 101, 103, 104, 113, 114, 121, 201, 202, 271, 381, 382, or 383.

## **CLASSICS**

Associate Professor Aileen Ajootian, chair • 100 BRYANT HALL • (662) 915-7020

<http://www.olemiss.edu/depts/classics/>

Overview: The Department of Classics offers a minor and Bachelor of Arts (B.A.) in classics. The B.A. in classics has emphases in ancient Greek, Latin, or classical civilization.

### **B.A. in Classics**

Description: The B.A. in classics is an interdisciplinary degree involving the study of ancient Greek and Latin, ancient Greek and Latin literature in translation, Greek and Roman history, plus courses in classical archaeology and art history.

General Education Course Requirements: See the General Education/Core Curriculum for the College of Liberal Arts.

Course Requirements: A major in classics for the B.A. degree consists of 30 semester hours of Department of Classics courses. Students complete an emphasis in classical civilization or an emphasis in ancient Greek or Latin.

### **Emphasis in Classical Civilization**

Description: The B.A. in classics with an emphasis in classical civilization provides students with the basics in at least one of the ancient languages (ancient Greek and Latin) and introduces them to some of the important issues and questions regarding Greek and Roman art and archaeology, history, literature, myth, philosophy, and religion. Students have found successful careers in many different professions, including law, medicine, the ministry, teaching, museum curatorship, and exhibit design.

Course Requirements: The B.A. in classics with an emphasis in classical civilization must include at least 15 hours of classics courses numbered 300 or higher. Up to 15 of the required 30 hours for the major may be taken in Greek, Latin, or a combination of these languages.

### **Emphasis in Greek**

Description: For students contemplating graduate study in classics, the emphasis in ancient Greek will help prepare them for advanced study.

Course Requirements: The B.A. in classics with emphasis in Greek requires a minimum of 24 hours in Greek language.

### **Emphasis in Latin**

Description: For students contemplating graduate study in classics, the emphasis in Latin will help prepare them for advanced study.

Course Requirements: The B.A. in classics with emphasis in Latin requires a minimum of 24 hours in Latin language.

### **Minor in Classics**

Course Requirements: A minor in classics may be fulfilled either by emphasizing classical civilization, Greek, or Latin. The minor requires 18 hours of courses taught within the department. The classical civilization emphasis must include at least 9 hours at the 300 level or above and not more than 9 hours of Greek or Latin languages courses. The Greek or Latin emphasis must include a minimum of 12 hours of the chosen language. Classics 201 may not be used to fulfill the requirements for a minor.

## **COMPUTER AND INFORMATION SCIENCE**

Professor H. Conrad Cunningham, chair • 201 WEIR HALL • (662) 915-7396

<http://www.cs.olemiss.edu/>

Overview: The Department of Computer and Information Science offers the Bachelor of Science in Computer Science (B.S.C.S.) degree for engineering students. For students in the College of Liberal Arts, the department offers a minor and a Bachelor of Arts (B.A.) in computer science. At the graduate level, the department has offerings for the Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) in engineering science. The latter graduate degrees are listed under the School of Engineering.



## **B.A. in Computer Science**

Description: The major in computer science for the B.A. degree offers a flexible curriculum that enables the study of computer science to be combined with studies in other areas of the liberal arts and sciences. Students interested in the professional B.S.C.S. degree program should consult the School of Engineering portion of the catalog.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in computer science for the B.A. degree requires 33 semester hours, including Computer Science (Csci) 111, 112, 211, 223, 423, 433, 450, 487, and 9 additional hours of computer science courses at the 300 level or above. Additional requirements are Electrical Engineering (El E) 335 and 336, Math 261, 262, 301, and 375, and one of the following: Math 263, 302, or 319.

Other Academic Requirements: Students planning graduate study in computer science should include Csci 311 among their electives.

## **Minor in Computer Science**

Description: The minor in computer science enables students to develop an understanding of the fundamental concepts and techniques of computing science. Students thus can enhance their studies in other disciplines by adding a dimension of algorithmic thinking and developing practical computational skills useful in many areas of contemporary society.

Course Requirements: A minor in computer science consists of 18 hours of computer science courses and must include Csci 111, 112, 211, and 223. The additional 6 hours of course work shall be taken from courses numbered 200 and above.

## **CYTOTECHNOLOGY**

See Health Professions.

## **DENTAL HYGIENE**

See Health Professions.

## **ECONOMICS**

Associate Professor Jon R. Moen, chair • 367 HOLMAN HALL • (662) 915-5467

<http://www.olemiss.edu/depts/economics/>

Overview: The Department of Economics offers a minor, Bachelor of Arts (B.A.), Master of Arts (M.A.), and Doctor of Philosophy (Ph.D.) degrees in economics. (The Bachelor of Business Administration [B.B.A.] in economics is available through the School of Business Administration.)

Additional Information: Econ 101 is an acceptable course for satisfying the lower-division social science requirement for liberal arts degrees.

## **B.A. in Economics**

Description: Economics provides a broad and systematic way of thinking about social, financial, and business problems. The B.A. in economics prepares a graduate for many

positions in business and government. Some positions are economic analyst, statistician, and research assistant.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: The requirements for the B.A. with a major in economics are Econ 202, 203, 230, 398, 399, and 15 hours of additional Econ courses numbered 200 or above.

### **Minor in Economics**

Description: The minor in economics is designed to complement majors such as political science, mathematics, and history.

Course Requirements: A minor in economics consists of Econ 202, 203, 398, 399, and 6 hours of additional Econ courses numbered 200 or above.

## **ENGLISH**

Professor Patrick Quinn, chair • 128 BONDURANT • 915-7439

<http://www.olemiss.edu/depts/english/>

Overview: The Department of English offers a minor and a Bachelor of Arts (B.A.) in English. At the graduate level, the department offers a Master of Arts (M.A.) and Doctor of Philosophy (Ph.D.) in English and a Master of Fine Arts (M.F.A.) in creative writing.

### **B.A. in English**

Description: Literature and literary studies are at the core of the humanities and at the center of debates concerning culture, politics, education, and language. The program of study in English not only enriches students' appreciation of literature and engages them in cultural debate but also helps develop crucial skills in analytical thinking and clear, persuasive expression both in speech and in writing. An English degree is an ideal gateway for careers that emphasize communication and critical thinking, including law, business, journalism, public service, and education.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in English for the B.A. degree consists of 42 semester hours, including 30 hours at the 300 level and above in addition to the 12 hours of 100- and 200-level courses required by the College of Liberal Arts. The following categories must be satisfied:

Semester Hours	Category	Course
6	Composition	101-102
6	Literary survey	221-Survey of World Literature I 222-Survey of World Literature II 223-Survey of American Literature I 224-Survey of American Literature II 225-Survey of British Literature I 226-Survey of British Literature II
6	Junior seminar	390-Major Authors of British Literature 391-Major Authors of American Literature 392-Major Authors of World Literature 396-Drama 397-Poetry 398-Literary Criticism
3	Shakespeare	385-Shakespeare
9	English electives	Courses at the 300 level or above
12	Advanced English electives	Courses at the 400 or 500 level

One elective must be in literature before 1800.

No more than 15 hours of writing courses (creative or expository, including freshman courses) will count toward the major. In lieu of one or two courses during the senior year, a student may take Senior Thesis 499 for 3 or 6 credits with approval of the director of undergraduate studies.

Other Academic Requirements: Six hours of English composition are prerequisites for all 200-level literature courses. Six hours of 200-level literature courses are prerequisites for all 300-level and above English courses.

### **Minor in English**

Description: A minor in English not only enriches students' appreciation of literature and engages them in cultural debate but also helps develop crucial skills in analytical thinking and clear, persuasive expression both in speech and in writing. An English minor is an ideal gateway for careers that emphasize communication and critical thinking, including law, business, journalism, public service, and education.

Course Requirements: A minor in English consists of 21 hours of English courses, including Engl 101 and 102, 6 hours of 200-level literature survey courses (Engl 221, 222, 223, 224, 225, 226), and an additional 9 hours of English courses at the 300 level or above.

### **ENVIRONMENTAL STUDIES**

Professor Ann Fisher-Wirth, program director • C212 Bondurant • (662) 915-5929

#### **Minor in Environmental Studies**

Description: A minor in environmental studies is designed to introduce students to an interdisciplinary approach to environmental concerns, including: 1) a study of human/environmental interactions from the viewpoint of the social sciences; 2) a reflection on environmental themes in the arts and humanities; 3) the scientific foundations of environmental thought.

Course Requirements: The environmental studies minor consists of Envs 101, either Bisc 104 or Bisc 162, and 12 hours of approved electives. The approved electives must include a minimum of 3 hours in at least two of the three discipline categories: humanities, natural sciences, and social sciences.

#### Humanities

Engl 483 Renaissance Literature and the Environment

Engl 447 Animals in Literature

Engl 362 American Env. Lit. 1850-Present

Engl 475 Southern Env. Writing

G St 391 Women, Gender, and the Environment

Phil 345 Environmental Ethics

#### Natural Sciences

Bisc 525 Conservation and Restoration Ecology

Bisc 413 Conservation Biology

Bisc 320 Introductory Marine Biology

Bisc 345 Symbiosis

Bisc 318 Botany

Bisc 342 Plant Diversity

Bisc 329 Biology of Fishes

Bisc 334 Ornithology

Bisc 337 Introductory Entomology

Bisc 350 Mammology

Chem 104 Chemistry for Nonmajors or Chem 105 Chemistry for Majors

Phcl 347/547 Introduction to Environmental Toxicology

Phcl 381/581 Introduction to Toxicology

#### Social Sciences

Anth 330 Environmental Anthropology

Anth 331 American Indians and the Natural World

Anth 319 Environmental History of the South

PPL 381 Global Environmental Issues

Soc 411 Environment, Technology, and Society

## FRENCH

See the Department of Modern Languages.

## GENDER STUDIES

Adjunct Assistant Professor Mary Carruth, director • SARAH ISOM CENTER FOR WOMEN AND GENDER STUDIES • 203 Johnson Commons • (662) 915-5916

[http://www.olemiss.edu/depts/sarah\\_isom\\_center/](http://www.olemiss.edu/depts/sarah_isom_center/)

### Minor in Gender Studies

Description: The Sarah Isom Center for Women coordinates courses about women and gender offered by various university departments and offers an interdisciplinary minor that introduces students to the broad spectrum of concerns related to women and gender. This multidisciplinary program helps students appreciate the role of gender in shaping the environment in which both women and men operate daily.

Course Requirements: A minor in gender studies requires the completion of 18 semester hours of course work. Students are encouraged to meet with the director to enroll in the minor. Students must take at least two of the following courses: Gender Studies 201, 301, 325, 333, 338, 390, 494.

Other Academic Requirements: Students are required to earn a minimum grade of C in each course taken for the minor.

## **GEOLOGY**

Associate Professor Gregory L. Easson, chair • 118 CARRIER HALL • (662) 915-7498  
<http://www.geo.olemiss.edu/>

Overview: The Department of Geology and Geological Engineering offers the Bachelor of Science in Geological Engineering (B.S.G.E.) degree for engineering students. For students in the College of Liberal Arts, the department offers a minor and a Bachelor of Science (B.S.) major in geology. At the graduate level, the department has offerings for the Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) in engineering science. The latter graduate degrees are listed under the School of Engineering.

Accreditation: The B.S.G.E. is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET).

Preliminary Requirements: Criteria and procedures for admitting students within the Department of Geology and Geological Engineering follow the general requirements for admission to The University of Mississippi. It is recommended that all prospective students check the current catalog or contact the department with any further questions.

### **B.S. in Geology**

Description: The B.S. degree in geology prepares a student for a productive career as a professional geologist engaged in continuous professional growth along his or her chosen career path, or prepares a student for admission into a graduate degree program or professional school.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in geology for the B.S. degree consists of at least 48 hours of geology and geological engineering courses, including Geol 103, 221, 222, 303, 305, 314; G E 234, 413, and 437; either G E 503 or 577; either Geol 505 or 550; either Geol 309, 420, 500, or G E 513; and two additional Geol/G E classes at the 400 level or above.

Required related subjects are Math 261, 262; Chem 105, 106, 115, 116; Phys 213, 214, 223, 224; and Csci 111.

Nonrelated subjects must include Spch 102 or 105.

Other Academic Requirements: All seniors are required to take the ASBOG Fundamentals of Geology examination as administered by the Mississippi State Board of Registered Professional Geologists.

## **Minor in Geology**

Course Requirements: A minor in geology consists of 18 hours of geology courses, including 12 hours at the 200 level or above.

## **GERMAN**

See the Department of Modern Languages for information on the major.

## **GREEK**

See the Department of Classics.

## **HEALTH INFORMATION MANAGEMENT**

See Health Professions.

## **HEALTH PROFESSIONS**

Associate Professor James M. O'Neal, coordinator of health professions advising, Academic Support Center • 350 Martindale • (662) 915-5970

<http://www.olemiss.edu/depts/preprofessional/main.html>

This category is used to group all majors leading to professions within health care fields with the exception of pharmacy. Two basic divisions exist:

- a) Baccalaureate degree programs: cytotechnology, dental hygiene, health informatics and information management, clinical laboratory science, nursing, medical technology, occupational therapy, and radiologic sciences
- b) Graduate degree programs: dentistry, medicine, optometry, physical therapy, veterinary medicine, and occupational therapy

Students interested in baccalaureate degrees in one of the health-related professions—cytotechnology, dental hygiene, health informatics and information management, clinical laboratory science, nursing, medical technology, occupational therapy, and radiologic sciences—should follow the curriculum outlines on the appropriate page of this catalog. These requirements are specific for the programs at UMMC.

Admittance to the clinical phase of these programs is gained through successful, competitive application. Applicants should be aware that admissions committees at state-supported institutions give strong preference to in-state residents.

Prerequisite courses totaling 57-62 semester hours are required for admission into the clinical portions of these programs. Since the freshman and sophomore years are usually very concentrated, students are advised to consider summer school enrollment so as to ensure their achieving a competitive GPA. The health professions adviser will assist in planning academic schedules, in preparing for the application process, and in meeting application deadlines, and will provide materials and general guidance.

## **B.S. in Clinical Laboratory Science**

Overview: The University of Mississippi offers a Bachelor of Science (B.S.) in clinical laboratory science. Students complete two years of academic course work on the Oxford campus and two years in a professional program such as that offered at The University of Mississippi Medical Center.

Description: The B.S. in clinical laboratory science degree (a 2 + 2 program with The University of Mississippi Medical Center) prepares an individual for technical and management positions in hospitals and laboratories, research in biomedical companies, forensic medicine, public health, sales and marketing, private consulting, health-care administration, and education. The program prepares graduates for national credentialing examinations.

Preliminary Requirements: Admission into the professional program is based on competitive application. Students should be aware that in-state residents are given preference for acceptance into most of the programs at The University of Mississippi Medical Center. Students planning to apply to out-of-state professional programs should obtain a list of prerequisites from the target institution early in their enrollment at The University of Mississippi.

Course Requirements: The first phase of the B.S. in clinical laboratory science consists of 58 semester hours in academic residence in the College of Liberal Arts with a 2.5 minimum GPA. The second phase is in a professional program such as the Clinical Laboratory Sciences program offered at The University of Mississippi Medical Center and includes lectures, laboratories, and clinical rotations in selected hospitals. Courses to be completed at the Oxford campus, which are specific prerequisites for the program at UMMC only, are as follows:

<u>Courses</u>	<u>Semester Hours</u>
Engl 101, 102 (or Liba 102) English Composition	6
Math 121 College Algebra	3
Bisc 160,161 Biological Science	4
Chem 105, 115, 106, 116 Chemistry	8
Chem 221, 225 Organic Chemistry	4
Bisc 206 Anatomy and Physiology	4
Bisc 333 Microbiology	4
Social/behavioral science	3
Fine arts	3
Humanities	6
Psy 201 General Psychology	3
Soc 101 Introductory Sociology	3
Csci 191 recommended elective	3
Electives (to bring total to 58 hours)	6

### **B.S. in Cytotechnology**

Overview: The University of Mississippi offers a two-phase program for a Bachelor of Science (B.S.) in cytotechnology degree. The first phase is completed on the Oxford campus, and the second phase is completed in a professional program such as that offered at The University of Mississippi Medical Center.

Description: A B.S. in cytotechnology degree (a 2 + 2 program with The University of Mississippi Medical Center) prepares an individual for employment in a hospital, clinic, or private laboratory. A cytotechnologist, working under the direction of a pathologist, detects cell changes caused by different disease processes.

Accreditation: This baccalaureate degree program is accredited by the Commission of Accreditation of Allied Health Education Programs in collaboration with the American Society of Cytology.

**Preliminary Requirements:** Admission to the second, or clinical education, phase of this program is based on competitive application to the professional program. Students should be aware that only in-state residents are considered for acceptance into the cytotechnology program at The University of Mississippi Medical Center. Students planning to apply to out-of-state professional programs should obtain a list of prerequisites from the target institution early in their enrollment at The University of Mississippi and discuss course options with the coordinator of health professions advising in the Academic Support Center.

**Course Requirements:** The B.S. degree with a major in cytotechnology is a two-phase program. For The University of Mississippi Medical Center degree program, the first phase requires the completion of 58 semester hours of academic credit in the College of Liberal Arts with a minimum 2.0 GPA. The courses to be completed at the Oxford campus, which are specific prerequisites for the program at UMMC only, are as follows:

<b>Courses</b>	<b>Semester Hours</b>
Engl 101, 102 (or Liba 102)	6
Bisc 160, 161, 162, 163 Biological Science	8
Chem 105, 115, 106, 116 Chemistry	8
Math 121 College Algebra	3
Math elective	3
Bisc 333 Microbiology	4
Bisc 206, 207, or science elective (recommended: histology, genetics, physiology; not accepted: botany)	8
Psycho/social science elective (psychology, sociology, anthropology, economics, political science, or geography)	3
Fine arts	3
Humanities	9
Electives (to bring total to 58 hours)	3

### **B.S. in Dental Hygiene**

**Overview:** The University of Mississippi offers a Bachelor of Science (B.S.) in dental hygiene. Students complete two years of academic course work on the Oxford campus and two years in a professional program such as that offered at The University of Mississippi Medical Center.

**Description:** The B.S. in dental hygiene (a 2 + 2 program with The University of Mississippi Medical Center) prepares an individual for employment as a clinical practitioner, educator, researcher, administrator, or consultant in dental hygiene. The program prepares graduates to seek licensure as a registered dental hygienist.

**Accreditation:** The dental hygiene program at The University of Mississippi Medical Center is accredited by the Commission on Dental Accreditation.

**Preliminary Requirements:** Admission into the professional program is based on competitive application. Students should be aware that in-state residents are given preference for acceptance into most of the programs at The University of Mississippi Medical Center. Students planning to apply to out-of-state professional programs should obtain a list of prerequisites from the target institution early in their enrollment at The University of Mississippi.



Course Requirements: The B.S. in dental hygiene is a two-phase program, which prepares graduates for a professional credentialing examination. The first phase consists of 57-semester-hour academic residence in the College of Liberal Arts with a 2.0 minimum GPA. The second phase is in a professional program such as the dental hygiene program offered at The University of Mississippi Medical Center. At least 16 hours of science prerequisites and 8 hours of observation of a licensed or registered dental hygienist must be completed by the application deadline of January 15. Courses to be completed at the Oxford campus, which are specific prerequisites for the program at UMMC only, are as follows:

<b>Courses</b>	<b>Semester Hours</b>
Engl 101, 102 (or Liba 102)	6
Math 121 College Algebra	3
Bisc 102, 103	4
Chem 103, 113 or 105, 115	4
Chem 104, 114 or 106, 116 or 121	4
Bisc 206, 207	8
Bisc 210	4
Psy 201	3
Psy 301 or 311, or Edpy 301, 307, or 309	3
Soc 101	3
Fine arts	3
Spch 102 or 105	3
FCS 311 Nutrition	3
Humanities	6

### **B.S. in Health Informatics and Information Management**

Overview: The University of Mississippi offers a Bachelor of Science (B.S.) in health informatics and information management. Students complete two years of academic course work on the Oxford campus and two years in a professional program such as that offered at The University of Mississippi Medical Center.

Description: The B.S. in health informatics and information management (a 2 + 2 program with The University of Mississippi Medical Center) prepares a graduate to work in a variety of medical/clinical settings in the area of collecting, storing, retrieving, and interpreting health-care information.

Preliminary Requirements: Admission into the professional program is based on competitive application. Students should be aware that in-state residents are given preference for acceptance into most of the programs at The University of Mississippi Medical Center. Students planning to apply to out-of-state professional programs should obtain a list of prerequisites from the target institution early in their enrollment at The University of Mississippi.

Course Requirements: The B.S. in health informatics and information management degree is a two-phase program. The first phase consists of 61 semester hours on the Oxford campus with a 2.0 minimum GPA. The second phase is in a professional program such as the health informatics and information management program offered at The University of Mississippi Medical Center. Courses to be completed at the Oxford campus, which are specific prerequisites for the program at UMMC only, are as follows:

Courses	Semester Hours
Engl 101, 102 (or Liba 102)	6
Math 121 College Algebra	3
Bisc 102, 103, 104	7
Bisc 206, 207	8
Psy 201	3
Soc 101	3
Fine arts	3
Spch 102 or 105	3
Humanities (history, literature, foreign languages, journalism, philosophy, religion)	6
Accy 201	3
Csci 191 or 192	3
Math 115 Statistics	3
Electives	9

### **B.S./M.S. in Occupational Therapy**

Overview: The University of Mississippi offers a Bachelor of Science (B.S.) in occupational therapy. Students complete two years of academic course work on the Oxford campus and two years in a professional program such as that offered at The University of Mississippi Medical Center. This program is followed by one additional year in the professional program to earn the Master of Occupational Therapy (M.O.T.) degree, **which is the practicing degree.**

Description: The B.S./M.S. in occupational therapy (a 2 + 2 program with The University of Mississippi Medical Center, **PLUS** an additional year to obtain a Master of Occupational Therapy) prepares an individual for employment in hospitals, rehabilitation centers, intermediate care facilities, community mental health programs, private practice, home health agencies, or educational settings. Occupational therapists work with clients who have physical, psychological, or developmental problems and assist these clients in restoring basic function, developing independence, preparing to return to work, and adjusting to disabilities.

Accreditation: The occupational therapy program at The University of Mississippi Medical Center is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA).

Preliminary Requirements: Admission into the professional program is based on competitive application. In the competitive admission process, applicants must provide evidence of 16 hours of clinical observation in at least two occupational therapy clinical settings. Students should be aware that only in-state residents are considered for acceptance into most of the programs at The University of Mississippi Medical Center. Students planning to apply to out-of-state professional programs should obtain a list of prerequisites from the target institution early in their enrollment at The University of Mississippi.

Course Requirements: The B.S. degree with a major in occupational therapy is a three-phase program consisting of a two-year, 60-hour academic program in the College of Liberal Arts on the Oxford campus. The second phase is a two-year professional program at The University of Mississippi Medical Center or other such institution, followed by one additional year, which earns the Master of Occupational Therapy (MOT)

degree (the practicing degree). Courses to be completed at the Oxford campus, which are specific prerequisites for the program at UMMC only, are as follows:

<b>Courses</b>	<b>Semester Hours</b>
Engl 101 and 102 (or Liba 102)	6
Math 121 College Algebra	3
Bisc 160, 161; 162, 163	8
Bisc 206 and 207	8
Chem 105, 115 or 103, 113	4
Phys 213, 223	4
Psy 201	3
Soc 101	3
Math 123 Trigonometry	3
Psy 311	3
Psy 301/FCS 323	3
Fine arts	3
Spch 102 or 105	3
Humanities	6
Social sciences (Soc 301 recommended)	3
Liba 101	2

### **B.S. in Medical Technology**

**Overview:** The University of Mississippi offers a Bachelor of Science (B.S.) in medical technology. Students complete three years of academic course work on the Oxford campus and one year in a professional clinical setting at the North Mississippi Medical Center in Tupelo, Mississippi.

**Description:** The B.S. in medical technology (a 3+1 program) prepares students for a career that plays an important role in the detection, diagnosis, and treatment of disease. Medical technologists examine and analyze body fluids and cells.

**Accreditation:** North Mississippi Medical Center's Medical Technology program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAA-CLS).

**Preliminary Requirements:** Admission to the clinical education phase of this program is based on competitive application to the program director at the North Mississippi Medical Center. Applicants must have maintained at least a 2.6 overall GPA.

**Course Requirements:** Students must complete degree requirements for the College of Liberal Arts prior to beginning the professional clinical year. (Presently, only one institution is approved as an affiliate in the 3+1 program: the North Mississippi Medical Center in Tupelo, Mississippi). At least 32 semester hours must be earned in residence at The University of Mississippi. Students are awarded thirty (30) semester hours for successfully completing their professional year; thus, a minimum of ninety-seven (97) semester hours must be earned prior to leaving The University of Mississippi. No tuition is charged by NMMC for clinical year studies. A grade of C or better must be obtained in the courses listed below. Courses to be completed at the Oxford campus, which are specific for the program at the North Mississippi Medical Center, are as follows:

<b>Courses</b>	<b>Semester Hours</b>
Engl 101 and Engl 102 (or Liba 102) English Composition	6
Bisc 160, 161, 162, 163	8
Chem 105, 115, 106, 116	8
Math 121 College Algebra	3
Math 123 Trigonometry	3
Math 115 Statistics	3
Fine arts	3
Engl (any 200-level courses)	6
Chem 221, 225, 222, 226 Organic Chemistry	8
Foreign language (6 hours through the 200 level)	6
Bisc 206, 207 Anatomy and Physiology (recommended)	8
Social sciences	12
Csci 191 or 192 Computer course	3
Bisc 333 Microbiology	4
Spch 102 or 105	3
Bisc 414 Immunology and Serology	3
Elective	3

### **Bachelor of Science in Nursing (B.S.N.)**

**Overview:** The University of Mississippi offers the Bachelor of Science in Nursing (B.S.N.) degree as a two-phase program with The University of Mississippi Medical Center.

**Description:** Undergraduate education in nursing prepares graduates for entry-level professional nursing practice and provides a foundation for graduate education in nursing. Nurses administer medication, observe and record symptoms and the progress of patients, and help maintain a physical and emotional environment that promotes patient recovery.

**Accreditation:** This undergraduate program at The University of Mississippi School of Nursing is accredited by the Commission on Collegiate Nursing Education (CCNE).

**Preliminary Requirements:** Students wishing to enroll in the School of Nursing at The University of Mississippi Medical Center as juniors should first complete at least 63 semester hours, earning a minimum GPA of 2.5, with a minimum grade of C in all prerequisite courses. A minimum composite score of 21 is required on the ACT. A freshman early entry program is available for high school seniors who have a 3.5 high school GPA and an ACT composite score of 24. Please contact the School of Nursing on the Oxford campus of The University of Mississippi Medical Center for details.

The student contemplating entering a school of nursing other than The University of Mississippi Medical Center's program should consult with the Academic Support Center.

**Course Requirements:** The curriculum for the B.S.N., Phase 1, for the UMMC program only, is the following:

Courses	Semester Hours
Engl 101 and 102 (or Liba 102)	6
Bisc 102, 103 (recommended)	4
Chem 105, 115, 106, 116	8
Psy 201	3
Soc 101	3
Math 121	3
Fine arts	3
Spch 102 or 105	3
Bisc 206, 207, and 210	12
FCS 311 Nutrition	3
Psy 301 or FCS 323	3
Humanities/fine arts	6
Soc 301 or FCS 325	3
Psycho/social sciences	3
Csci 191 or 192 or 103	3
Math 115 Statistics	3

### Pre-medical and Pre-dental Curriculum

**The Program** • Most schools of dentistry, medicine, optometry, osteopathy, podiatry, and veterinary medicine require the applicant to complete the bachelor's degree prior to entering professional school. A small number of students following the curriculum below are successful in being admitted to the professional school after only three years of undergraduate studies. The Bachelor of Science in Biomedical Sciences may then be awarded as a student's initial baccalaureate degree upon the completion of one year of dental school or medical school, providing core degree requirements have been completed.

Students gain admission to in-state and out-of-state, public, and private professional schools by competitive application. Success usually depends on high GPAs, ranked examination scores, positive faculty appraisals, and personal interviews. Applicants also should be aware that professional programs at state-supported institutions give strong preference to in-state residents.

**The Basic Curriculum** • Most medical schools require a minimum of one year of biology, one year of mathematics, one year of physics, and two years of chemistry. Additional basic requirements, such as calculus, may be prescribed.

A student may enter the pre-professional programs in medicine and dentistry at the beginning of the freshman year. After experience in several subject areas, the student should choose a degree major while continuing to designate pre-medical or pre-dental. At the beginning of the freshman year, the student should confer with an adviser to ensure selecting a course of study that meets both the entrance requirements of the preferred professional school and the departmental degree requirements for majors and minors.

The curriculum can lead to either a Bachelor of Science or Bachelor of Arts degree and is flexible. Depending on interests and academic preparation, students may adjust their course loads while adapting to the university environment and the rigors of a pre-professional curriculum. The flexibility extends to the choice of major. Whereas most students choose to major in one of the sciences, many successful pre-med and pre-dental applicants choose majors from other disciplines.

For dental school but not medical school, AP credit may usually be applied to fulfill non-science and non-math course requirements. Courses in physical training, military science, dogmatic religion and courses in the sciences designed for non-science majors may not be counted as electives for the professional school. No professional school prerequisites may be satisfied through correspondence.

Admissions tests, such as the Medical College Admission Test or the Dental Admission Test, should be taken no later than the spring of the junior year, providing basic science prerequisites have been fulfilled.

Additional information concerning The Schools of Medicine and Dentistry at The University of Mississippi Medical Center is found in the Medical Center chapter.

### **Pre-optometry**

The recommended pre-optometry curriculum follows very closely the initial two years of the pre-med/pre-dental curriculum. Additionally, 6-9 hours of calculus, psychology, and statistics are usually required. The Health Professions Advising Office can assist students in selecting the appropriate course of study and in applying to the schools that interest them.

### **Pre-physical Therapy**

The Doctor of Physical Therapy (DPT) requires a baccalaureate degree from an accredited college or university. Schools of Health Related Professions do not give preference to any certain degree. The entry-level DPT degree is a 36-month educational program, beginning in the summer session each year. A minimum of 40 hours of observation, in two or more PT clinical departments, with no more than 20 hours at any one site, is required. The GRE, first aid certification, and a minimum GPA of 3.0 are also required.

In addition to the degree requirements for the baccalaureate degree, the following courses are required for admission to the DPT program: General Physics (Phys 213, 223 and 214, 224), Statistics (Math 115), Psy 202, Bus 230, or Econ 230; Chemistry (Chem 105, 115, 106, 116); Biological Science (Bisc 160, 161, 162, 163); 3-4 hours of advanced science (300 level or above).

### **Pre-veterinary Medicine**

Students interested in studying pre-veterinary medicine should consult with the Academic Support Center for the appropriate curriculum. The first two years of pre-medical and pre-dental courses are typically prescribed by schools of veterinary medicine. The student should consult closely with the Health Professions Advising Office for information on the veterinary schools of particular interest and their specific admission requirements. Courses in the undergraduate years should help prepare students for the GRE.

### **B.S. in Radiologic Sciences**

Overview: The Bachelor of Science in Radiologic Sciences is designed to provide students with the educational and clinical experience necessary to be competent radiographers and leaders within the profession. The program's curriculum covers both the core components of the profession and research and leadership development. Students gain practical experience in the University Hospitals and Clinics and at other affiliated hospitals. Additionally, the program provides graduates with a foundation to pursue further education.

Description: The field of radiologic science is a dynamic profession that is ever changing in terms of technology and professional expertise. Radiology is one of the fastest growing, most exciting, and increasingly important fields in medicine today. Radiologic science is a specialized field in which professional specialists perform medical imaging procedures for the purpose of diagnosing disease and injury. The radiologic technologist is responsible for performing a variety of challenging and interesting examinations on a diverse patient population. Those procedures include conventional radiography, fluoroscopy, and surgical studies.

Accreditation: The program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

Preliminary Requirements: To be eligible for admission, candidates must have completed a minimum of 57 semester hours of academic credit (exclusive of physical education, military science, dogmatic religion, and vocational courses) from a regionally accredited institution of higher learning, and have successfully completed prerequisite courses with a grade of C or better.

Students who satisfactorily complete all the requirements will be awarded the Bachelor of Science in Radiologic Sciences from The University of Mississippi. Candidates for a degree must have an overall grade-point average (GPA) in University of Mississippi Medical Center course work of 2.0 or higher on a 4.0 scale.

Upon being awarded the Bachelor of Science in Radiologic Sciences, graduates are eligible to sit for the American Registry of Radiologic Technologists (ARRT) examination to become registered in the profession.

Course Requirements:

<b>Courses</b>	<b>Semester Hours</b>
Engl 101 and Engl 102 (or Liba 102)	6
Bisc 206, 207 Anatomy and Physiology	8
Math 121 College Algebra	3
Fine arts	3
Humanities	6
Social/behavioral science	6
Spch 102 (or Spch 105)	3
Csci 191 Office Applications	3
Math 123 (recommended elective)	3
Phys 213, 223, 214, 224 (recommended electives)	8
Additional electives	9

## **HISTORY**

Associate Professor Joseph P. Ward, chair • 310 BISHOP HALL • (662) 915-7148

<http://www.olemiss.edu/depts/history/>

Overview: The Department of History offers a minor, Bachelor of Arts (B.A.), Master of Arts (M.A.), and Doctor of Philosophy (Ph.D.) in history.

Additional Information: Undergraduate students of sophomore standing or above may enroll in 300-level courses without prerequisites. However, the department strongly recommends that students complete 6 hours of lower-division history courses before enrolling in a 300-level course.

### **B.A. in History**

Description: The study of history explores our shared and diverse past, providing an essential context and perspective on the contemporary world. Studying history enhances a student's ability to think and reason, to communicate effectively, and to organize systematically, evaluate, and interpret information. These are essential skills demanded of today's young professionals and graduate students.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in history for the B.A. degree consists of a minimum of 33 semester hours and must show a reasonable balance between United States and non-United States courses. All history majors must take His 101 and one other non-U.S. 100-level course (selected from His 102, 160, 170, or 180). One additional 100-level course, including either of the U.S. surveys (His 105 and 106), may also be applied to the major but is not required. All history majors must also take one 400-level undergraduate seminar. At least 6 hours of 300- or 400-level courses must be outside U.S. history and outside European history since 1648. The following courses meet this last requirement: His 311, 343, 344, 345, 346, 347, 348, 349, 350, 352, 353, 354, 355, 356, 357, 369, 370, 373, 374, 375, 385, 386, 387, 388, 389, 390, 392, 393, 394, 395, 396, 397, 398, 445, 460, 470, and 480. His 490 may also be applied toward this requirement with the approval of the department chair.

Other Academic Requirements: A minimum grade of C is required in all His courses applied by a student toward either a major or minor in history.

### **Minor in History**

Course Requirements: A minor in history consists of 18 hours of history courses, of which at least 9 hours must be at the 300 level or higher.

Other Academic Requirements: A minimum grade of C is required in all His courses applied by a student toward either a major or minor in history.

## **HONORS COLLEGE**

See Sally McDonnell Barksdale Honors College.

## **INTERNATIONAL STUDIES**

Professor Kees Gispén, executive director, Croft Institute for International Studies • 304 Croft Institute Building • (662) 915-1500 • [croft@olemiss.edu](mailto:croft@olemiss.edu) • [www.croft.olemiss.edu](http://www.croft.olemiss.edu)

Overview: The Croft Institute for International Studies offers a minor and a Bachelor of Arts (B.A.) in international studies.

Preliminary Requirements: All students wishing to major in international studies must apply to the Croft Institute for admission to the program. February 1 is the deadline for full consideration.



## **B.A. in International Studies**

Description: The B.A. in international studies is an interdisciplinary curriculum that allows students to systematically study other peoples, their histories, cultures, politics, and economies. In addition to a regional focus (East Asia, Europe, or Latin America), Croft students select a thematic concentration on one of the following: global economics and business, international governance and politics, or social and cultural identity.

Croft students pursue advanced proficiency in a foreign language as an integral part of their studies. Accelerated language programs are currently available in Chinese, French, and Spanish. Students may also choose to study German, Italian, Japanese, Portuguese, and Russian.

A degree from Croft can lead to a career in law, international business, journalism, or education and research, to employment with agencies such as the U.S. Foreign Service and the United Nations, or to work in the nonprofit sector, nongovernmental organizations, and the intelligence community. More than half of the institute's graduates continue their university studies in professional or graduate schools.

General Education Course Requirements: All international studies majors are to fulfill their social sciences distribution requirements by taking Econ 202 and Econ 203, and their mathematics distribution by taking Math 271. With consent of the academic adviser, students may substitute Math 267 or Math 261 for Math 271.

Course Requirements: A major in international studies for the B.A. degree consists of 44 semester hours, including Inst 101, 110, 111, 203, 205, 207, 421, 422, and 431. Students must take 9 hours at the 300 level or above in one geographic region and 9 hours at the 300 level or above in a single specialization module, 3 hours in an approved research methods course and 3 hours in a 300-level elective course approved for the major. With the exception of certain students who have already studied for periods of a semester or more in their geographic region of concentration, all students must spend at least one semester in an approved study abroad program. Students exempt from the study abroad requirement are exempt from the Inst 110 and 111 requirements.

- A. Introductory course (3 credit hours)—one course  
Inst 101-Introduction to International Studies
- B. Core courses (9 credit hours)—three courses  
Inst 203-East Asia  
Inst 205-Europe  
Inst 207-Latin America
- C. Regional courses (9 hours)—three additional approved courses in one geographic region
- D. Specialization courses (9 hours)—three approved courses drawn from one of the following areas:
  - Global economics and business
  - International governance and politics
  - Social and cultural identity
- E. Research Methods course (3 credit hours)—one approved course on social research methods
- F. Elective course (3 credit hours)—one additional course selected from upper-division courses approved for the major

G. Intercultural Communication (2 credit hours, Z-graded)—two courses

Inst 110-Intercultural Communication: Pre-departure

Inst 111-Intercultural Communication: Re-entry

H. Senior thesis (6 credit hours)—two courses

Inst 421-Research Seminar I

Inst 422-Research Seminar II

I. OPI Language Proficiency Exam (0 credit hours, Z-graded)

Inst 431-Oral Proficiency Interview

Other Academic Requirements: Beginning with the fall 2006 semester, a minimum grade of C is required in the 42 graded hours of course work required by the international studies major.

The international studies major requires no minor.

### **Minor in International Studies**

Course Requirements: A minor in international studies consists of 21 hours, including Pol 221; 6 hours of upper-division course work on contemporary international issues for the approved list below; and 3 hours of 300-level proficiency-oriented course work in one foreign language. In addition, students will complete 9 hours in a regional studies track—East Asia, Europe, or Latin America—from the approved list below. The foreign language selected must correspond to the regional studies track.

1. Pol 102

2. 6 hours of 300-level or above courses on contemporary international issues from the following list: Anth 353, Econ 320, 510; His 382; Inst 316, 318, 321, 323, 324; Pol 329, 331, 332, 333, 334, 335, 336, 338, 339, 341, 342, 344, 346, 381, 382, 383; Soc 353, 359.

3. 3 hours of 300-level conversation and composition in a foreign language that corresponds to the student's regional focus. The following courses fulfill this requirement: Chin 301 or 311; Fr 303 or 311; Germ 303 or 311; Ital 301; Jpn 301; Port 301; Russ 303 or 311.

4. 9 hours in one of the following regional studies tracks. Students must take a minimum of 3 hours in history and may not take more than 6 hours from one department.

East Asian Track: Chin 321, 361; His 180, 394, 395, 396, 397, 398; Inst 310, 321, 331; Phil 308, 309; Pol 324, 325, 337, 340, 387; Rel 308, 309, 311, 322.

European Track: Fr 321, 322, 361; Germ 321, 361; His 102, 359, 360, 361, 362, 363, 364, 365, 367, 368, 372, 378, 379, 380; Inst 312, 332; Pol 322, 381, 384, 385, 386; Russ 321, 361; Span 321, 361.

Latin American Track: Anth 327; His 160, 343, 344, 345, 346, 347, 390, 392, 393; Inst 314, 333; Pol 321, 342, 345; Port 321, 361; Span 321, 361.

Other Academic Requirements: Beginning with the fall 2006 semester, a minimum grade of C is required in all courses applied toward the minor in international studies.

### **JOURNALISM**

Professor Samir Husni, chair • FARLEY HALL • (662) 915-7146

<http://www.olemiss.edu/depts/journalism/>

Overview: The Department of Journalism offers a minor in mass media and communications, and a Bachelor of Arts (B.A.) and Master of Arts (M.A.) in journalism. The B.A. in journalism students must complete an emphasis in either news-editorial journalism or in broadcast journalism. News-editorial and broadcast students may further specialize in public relations, and news-editorial students may specialize in magazine service journalism.

Accreditation: The Department of Journalism is accredited by the Accrediting Council on Education in Journalism and Mass Communication.

### **B.A. in Journalism**

Description: The Department of Journalism provides a solid foundation of reporting, writing, editing, intellectual training, and vision necessary for today's journalism. Degree candidates must complete an emphasis in either news-editorial journalism or in broadcast journalism. Students may also choose to further specialize in magazine service journalism or in public relations.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in journalism for the B.A. degree requires 36 semester hours of journalism courses, including a departmental core: Jour 101, 102, 301, 371, and 575. Students must complete either an emphasis in news-editorial journalism or in broadcast journalism, plus additional specialization or elective courses in journalism to satisfy the 36-hour requirement. Journalism majors may petition the department chair to take a maximum of 44 semester hours of journalism courses. All journalism majors must take Pol 101 and 3 semester hours in a "method of inquiry" course selected from Math 115, Phil 103, Pol 251, Psy 202, or Soc 215, or 3 hours in a modern language at the 300 level (in which the primary language of instruction is not English).

Other Academic Requirements: Students must take a minimum of 80 hours in courses outside the major, with no fewer than 65 hours in the liberal arts and sciences.

A minimum grade of C is required in all Jour courses for students pursuing a major or minor in journalism. A student may not enroll in a Jour course until a minimum grade of C has been obtained in prerequisite courses.

### **Broadcast Journalism Sequence**

Description: The broadcast journalism emphasis is designed for students pursuing a career in radio or television news.

Course Requirements: Students must complete the journalism core. The broadcast journalism sequence consists of Jour 272, 376, 378, and 480.

### **News-editorial Journalism Sequence**

Description: The news-editorial emphasis is designed for students pursuing a newspaper career.

Course Requirements: Students must complete the departmental core. The news-editorial journalism emphasis consists of Jour 271, 273, 375, 377, 379, and 472 or 475 or 477 or 577.

### **Emphasis in Public Relations**

Course Requirements: Students who wish to specialize in public relations should also take Jour 391 and 491 and are encouraged to take 492 and 574.

### **Emphasis in Magazine Service Journalism**

Course Requirements: Students who wish to specialize in magazine service journalism should also take Jour 401 and 501 and are encouraged to take Jour 553.

### **Minor in Mass Media and Communications**

Course Requirements: A minor in mass media and communications consists of 18 credit hours in the following required courses: Jour 101, 301, 371, 400, 574, and 575.

Other Academic Requirements: A minimum grade of C is required in all Jour courses for students pursuing a major or minor in journalism. A student may not enroll in a Jour course until a minimum grade of C has been obtained in prerequisite courses.

## **LIBERAL STUDIES**

Office of the Dean • 103 VENTRESS • (662) 915-7177

Overview: The College of Liberal Arts offers a Bachelor of Arts (B.A.) in liberal studies.

### **B.A. in Liberal Studies**

Description: The B.A. in liberal studies is a multidisciplinary degree program that allows students to select three minors, two of which must be within the College of Liberal Arts. Students create a flexible degree program that may fit academic or career interests more precisely than a traditional B.A. degree. In particular, students who anticipate graduate or professional study in an area that does not require a specific undergraduate specialty (business, law, or medicine, for example) may find this program especially well-suited to their needs and interests.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A B.A. in liberal studies consists of three minors. Two of the selected minors must be from departments and programs within the College of Liberal Arts. Students must complete Spch 102 and at least 12 hours at the 300 level or higher in each of the selected minors.

Other Academic Requirements: Students must achieve a grade of C or better in each class in the selected minors. Six hours in each minor must be completed in residence.

## **MATHEMATICS**

Professor Iwo Labuda, interim chair • 305B HUME HALL • (662) 915-7071

<http://www.olemiss.edu/depts/mathematics/>

Overview: The Department of Mathematics offers a minor, Bachelor of Arts (B.A.), and Bachelor of Science (B.S.) in mathematics. At the graduate level, the department offers a Master of Arts (M.A.), Master of Science (M.S.), and Doctor of Philosophy (Ph.D.) in mathematics.

Preliminary Requirements: No student may enroll in a mathematics course unless he or she has a grade of C or higher in all prerequisite courses.

Additional Information: Courses that meet the mathematics requirement for the B.A., B.M., and B.F.A. degrees in the College of Liberal Arts are the mathematics courses at the 100 level or above except for Math 245 and Math 246. Math 115, Elementary Statistics, has no prerequisite and is recommended for any non-mathematics major.

### **B.A. in Mathematics**

Description: The Department of Mathematics offers a B.A. in mathematics for students who wish a broad education in a mathematical field in preparation for careers in teaching or other areas.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in mathematics for the B.A. degree requires 30 semester hours as follows: Math 261, 262, 263, 264, and 18 hours of upper-level courses that must include 305, 319, 555, and 556. A computer programming course also is required.

Other Academic Requirements: Grades lower than C in mathematics courses will not be counted toward the mathematics major for the B.A. degree.

### **B.S. in Mathematics**

Description: The Department of Mathematics offers a B.S. in mathematics for students who wish to pursue graduate training in mathematics or to undertake careers in mathematically oriented professions. The B.S. degree allows the freedom to pursue mathematical depth in areas such as pure mathematics, applied mathematics, statistics, discrete mathematics, mathematics and computer science, or finance and actuarial science.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in mathematics for a B.S. degree consists of 12 semester hours in the calculus sequence and 30 hours of upper-level courses that must include Math 305, 319, 555, and 556. A computer programming class is also required.

Other Academic Requirements: Grades lower than C in mathematics courses will not be counted toward the mathematics major for the B.S. degree.

### **Minor in Mathematics**

Course Requirements: A minor in mathematics consists of (1) Math 261, 262, 263, 264, and one 3-hour course at the 300 level or above; or (2) Math 261, 262, 263, and two courses at the 300 level or above.

## **MILITARY SCIENCE AND LEADERSHIP**

Lt. Col. John Abruscato, chair • 102 BARNARD HALL • (662) 915-7085

<http://www.armyrotc.com/edu/univms/index.htm>

## **Minor in Military Science**

Description: A minor in military science prepares students/cadets to be leaders of character in all aspects of life, whether it is serving as a leader of a military unit or leading a group in the corporate world. Students will learn essential problem-solving skills and be put in challenging situations that will develop their leadership abilities.

Course Requirements: A minor in military science consists of a minimum of 16 hours of MSL courses, including MSL 301, 302, 401, and 402.

## **MODERN LANGUAGES**

Professor Donald Dyer, chair • 115C BONDURANT HALL • (662) 915-7298

[http://www.olemiss.edu/depts/modern\\_languages/](http://www.olemiss.edu/depts/modern_languages/)

Overview: The Department of Modern Languages offers a Bachelor of Arts (B.A.) in Chinese, French, German, linguistics, and Spanish. In addition, minors are available in Chinese, French, German, Italian, Japanese, linguistics, Portuguese, Russian, and Spanish. The department offers a Master of Arts (M.A.) in Modern Languages with emphases in French, German, Spanish, and Teaching English as a Second Language (TESL).

### **B.A. in Chinese**

Description: The study of Chinese provides students with the practical instruction in a second language required to function in a nonnative environment, as well as the cultural awareness and intellectual strategies necessary to successfully navigate a foreign landscape.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in Chinese for the B.A. degree requires 30 semester hours of Chinese courses beyond the 200-level credits. Students must complete a minimum of 9 of the 30 upper-division credits in residence on The University of Mississippi campus at Oxford, Tupelo, or Southaven. A maximum of 15 of the 30 upper-division credits for the major may be taken through an approved study abroad program.

### **Minor in Chinese**

Course Requirements: A minor in Chinese requires the completion of 15 hours beyond the 200-level credits. A maximum of 9 credits for the minor may be taken through an approved study abroad program.

Other Academic Requirements: Beginning with the fall 2007 semester, grades lower than C in modern languages courses will not be counted toward the major or minor in modern languages.

### **B.A. in French**

Description: The study of French provides students with the practical instruction in a second language required to function in a nonnative environment, as well as the cultural awareness and intellectual strategies necessary to successfully navigate a foreign landscape.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in French for the B.A. degree requires 30 semester hours beyond the 200-level credits, including French (Fr) 303, 304, and 331, and at least 9 hours at the 500 level. Students must complete a minimum of 9 of the 30 upper-division credits in residence on The University of Mississippi campus at Oxford, Tupelo, or Southaven. A maximum of 15 of the 30 upper-division credits for the major may be taken through an approved study abroad program.

Other Academic Requirements: Beginning with the fall 2007 semester, grades lower than C in modern languages courses will not be counted toward the major or minor in modern languages.

### **Minor in French**

Course Requirements: A minor in French requires the completion of 15 hours beyond the 200-level credits. A maximum of 9 credits for the minor may be taken through an approved study abroad program. Fr 303 and 304 are required for the minor.

Other Academic Requirements: As of fall 2007, no grade lower than C will be counted in classes students use toward majoring or minoring in modern languages.

### **B.A. in German**

Description: The study of German provides students with the practical instruction in a second language required to function in a non-native environment, as well as the cultural awareness and intellectual strategies necessary to successfully navigate a foreign landscape.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in German for the B.A. degree requires 30 semester hours beyond the 200-level credits, including German (Germ) 303, 304, and 331, and at least 9 hours at the 500 level. Students must complete a minimum of 9 of the 30 upper-division credits in residence on The University of Mississippi campus at Oxford, Tupelo, or Southaven. A maximum of 15 of the 30 upper-division credits for the major may be taken through an approved study abroad program.

Other Academic Requirements: Beginning with the fall 2007 semester, grades lower than C in modern languages courses will not be counted toward the major or minor in modern languages.

### **Minor in German**

Course Requirements: A minor in German requires the completion of 15 hours beyond the 200-level credits. A maximum of 9 credits for the minor may be taken through an approved study abroad program. Germ 303 and 304 are required for the minor.

Other Academic Requirements: As of fall 2007, no grade lower than C will be counted in classes students use toward majoring or minoring in modern languages.

### **Minor in Italian**

Description: Knowledge of a foreign language is important in today's world for practical, cultural, and intellectual reasons. Those who are proficient in a second language have a clear advantage in many fields, becoming "citizens of the world" in a time when communication with and an understanding of other cultures are paramount.

Course Requirements: The minor in Italian requires the completion of 15 hours of Italian courses, exclusive of 100-level courses.

### **Minor in Japanese**

Description: Knowledge of a foreign language is important in today's world for practical, cultural, and intellectual reasons. Those who are proficient in a second language have a clear advantage in many fields, becoming "citizens of the world" in a time when communication with and an understanding of other cultures are paramount.

Course Requirements: The minor in Japanese requires the completion of 15 hours of Japanese courses, exclusive of 100-level courses.

### **B.A. in Linguistics**

Description: The study of linguistics, often referred to as the "science of language," provides students with an understanding of the sound systems, words, and sentence structures of language, both individually and comparatively.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in linguistics for the B.A. degree requires 30 semester hours of linguistics courses, including Ling 313, 314, 315, and 316.

### **Minor in Linguistics**

Course Requirements: A minor in linguistics consists of 18 hours of linguistics courses, including Ling 313.

### **Minor in Portuguese**

Description: Knowledge of a foreign language is important in today's world for practical, cultural, and intellectual reasons. Those who are proficient in a second language have a clear advantage in many fields, becoming "citizens of the world" in a time when communication with and an understanding of other cultures are paramount.

Course Requirements: The minor in Portuguese requires the completion of 15 hours of Portuguese, exclusive of 100-level courses.

### **Minor in Russian**

Description: Knowledge of a foreign language is important in today's world for practical, cultural, and intellectual reasons. Those who are proficient in a second language have a clear advantage in many fields, becoming "citizens of the world" in a time when communication with and an understanding of other cultures are paramount.

Course Requirements: The minor in Russian requires the completion of 15 hours of Russian, exclusive of 100-level courses.

### **B.A. in Spanish**

Description: The study of Spanish provides students with the practical instruction in a second language required to function in a nonnative environment, as well as the cultural awareness and intellectual strategies necessary to successfully navigate a foreign landscape.



General Education Course Requirements: See the General Education/Core Curriculum for the College of Liberal Arts.

Course Requirements: A major in Spanish for the B.A. degree requires 30 semester hours exclusive of 200-level credits. Students will take Span 303, 304, 330, and 331 (or equivalent) plus 18 additional hours. Nine of the 18 additional hours must be at the 500 level and must include at least one literature course and one linguistics course. Students must complete a minimum of 9 upper-division credits in residence on The University of Mississippi campus at Oxford, Tupelo, or Southaven. A maximum of 15 of the 30 upper-division credits for the major may be taken through an approved study abroad program.

Other Academic Requirements: Beginning with the fall 2007 semester, grades lower than C in modern languages courses will not be counted toward the major or minor in modern languages.

### **Minor in Spanish**

Course Requirements: A minor in Spanish requires the completion of 15 hours beyond the 200-level credits. A maximum of 9 credits for the minor may be taken through an approved study abroad program. Spanish (Span) 303 and 304 are required for the minor.

Other Academic Requirements: Beginning with the fall 2007 semester, grades lower than C in modern languages courses will not be counted toward the major or minor in modern languages.

## **MUSIC**

Professor Charles Gates, chair • 164 SCRUGGS HALL • (662) 915-7268

<http://www.olemiss.edu/depts/music/>

Overview: The Department of Music offers a minor, Bachelor of Arts (B.A.) in music, and Bachelor of Music (B.M.) with emphases in music education and performance.

Graduate degrees include the Master of Music (M.M.) with emphases in choral conducting, music education, and performance, and the Doctor of Philosophy (Ph.D.) in music with a music education emphasis.

Accreditation: The Department of Music is accredited by the National Association of Schools of Music.

### **Preliminary Requirements**

Entrance Auditions: An entrance audition is required for admission into any degree program in the Department of Music. Contact the Department of Music office for information concerning auditions.

Keyboard Musicianship Proficiency Exams: Students whose degree programs require Mus 113, Mus 114, Mus 213, and/or Mus 214 may fulfill the degree requirement by either passing the courses or by taking a proficiency exam. Proficiency exams are offered by appointment only at the beginning of each semester, and must be completed by the last day to add or drop classes that semester. Contact the Department of Music office for information.

Musicianship and Harmony (Music Theory) Proficiency Exams: Students may satisfy the Mus 105 (Musicianship and Harmony I) course requirement by a proficiency

exam. The Mus 105 proficiency exam is offered only at the beginning of the fall semester and must be completed by the last day to add classes. Contact the Department of Music office for information.

Transfer students pursuing any degree in music: All transfer students must complete, at The University of Mississippi, a minimum of two semesters of applied study on a single major instrument at or above the 300 level. No more than four semesters of transfer credit for a major ensemble will be accepted for completion of any music degree. Transfer students majoring in performance may not enroll for applied study beyond the 341 level prior to approval of the applied faculty.

Additional Information: Courses in music history, literature, and theory, performance opportunities of many kinds, and a minor in music are offered for the qualified student majoring in other areas of the university.

### **B.A. in Music**

Description: The B.A. degree is offered for students who wish to major in music as part of a liberal arts education.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: To complete the B.A. with a major in music, a student must complete the following courses: music performance (major instrument) (12 hours); ensembles, to include four semesters of major ensemble (band, chorus, orchestra) (4 hours) and four semesters of any ensemble (4 hours); Mus 100 (six semesters, 0 credit hours); music theory, to include Mus 105, 106, 205, 206, 305, and 347 (15 hours); music history and literature, to include Mus 104, 301, and 302 (9 hours); and music electives, as approved by an adviser (at least 8 hours in upper-division courses) (15-17 hours).

Other Academic Requirements: A grade of C or higher is required on all music courses applied toward the degree. Care must be exercised in choosing elective courses to meet the upper-level course requirements for the degree. Students must earn at least 12 hours of their major courses in residence. Correspondence courses do not count as residence work.

### **Minor in Music**

Description: The minor in music is offered for students who wish to minor in music as part of a liberal arts education.

Course Requirements: The minor in music must include Mus 104 (3 hours); Mus 105 (3 hours); two 1-hour ensemble courses (2 hours); two 2-hour studio courses (121 level or higher) (4 hours); Mus 100 (two semesters, 0 credit hours); and music electives, to include one upper-division course from the following list (8-9 hours). The upper-division electives list includes Mus 301, 302, 303, 304, 312, 313, 371, 517, and 518. If a student pursuing a minor in music is exempted from Mus 105 (by passing the Mus 105 proficiency exam, he/she must take Mus 106.

### **B.M. in Music**

Description: The B.M. in music is offered for students seeking a university education that includes preparation for careers in music teaching or performance. The B.M. degree is available in the following emphases: music performance and music education.

General Education Course Requirements: The general education/core requirements for the B.M. degree are different for the two emphasis areas. See the information given in the individual emphasis descriptions.

Course Requirements: To complete the B.M. degree, a student must satisfy the requirements for either a music performance emphasis or a music education emphasis.

### Emphasis in Music Education

Description: The B.M. with emphasis in music education prepares students for certification in the following fields: instrumental (band or orchestra; students may choose any woodwind, brass, string, or percussion instrument as the principal instrument); vocal/choral music; keyboard. Separate course requirements are given as three concentrations: instrumental, vocal, or keyboard as principal instrument.

### General Education Course Requirements

Courses	Hours
Engl 101, 102	6
English literature, 200-level courses	6
His 101, 102 or 105, 106	6
Mathematics (any mathematics course at the 100 level or above except for Math 245 and Math 246 )	3
Biological science with lab	3-4
Physical science with lab	3-4
Approved course in math or biological/physical science	3
Psy 201	3
Humanities, chosen from African American studies, classical civilization, modern languages, philosophy, religion, Southern studies (S St 101 or 102), gender studies (G St 201)	3

Course Requirements: Students in the B.M. with emphasis in music education must complete the course requirements for either the concentration (option) in instrumental principal, vocal principal, or keyboard principal.

Other Academic Requirements: A grade of C or higher is required on all music courses and School of Education courses applied toward the degree. Students must earn at least 18 hours of their major courses in residence. Completion of general education/core courses and Mus 301, 302, 305, and 311 must be with a minimum 2.75 GPA.

### Emphasis in Music Education, Concentration in Instrumental Principal

Course Requirements: Requirements for the B.M., emphasis in music education with a concentration (option) in instrumental principal:

<b>Courses</b>	<b>Hours</b>
<b>Music Performance</b>	
Principal instrument (must include a 322 course)	12
Mus 113, 114 (may be satisfied by proficiency)	4
Mus 100 (six semesters, 0 credit hours)	0
<b>Ensembles</b>	
Major ensemble (band for woodwind or percussion principals, orchestra for string principals)	7
<b>Music Theory</b>	
Music 105 (may be satisfied by proficiency), 106, 205, 206, 305, 347, 405	17
<b>Music History and Literature</b>	
Music 104, 301, 302	9
<b>Music Education</b>	
Mus 198, 311, 315, 316, 371	11
and for woodwind, brass, and percussion principals:	
Mus 161, 172, 173, 174, 187, 189, 190, 325,	9
or, for string principals:	
select from 172, 173, 174, 187, 189, 190;	4
select from Viln 100, Vila 100, Vcel 100, Stbs 100;	3
Mus 376	1
<b>Professional Education</b>	
Edci 351, 352	6
Mus 422	3
Edle 473	12

### **Emphasis in Music Education, Concentration in Vocal Principal**

Course Requirements: Requirements for the B.M., emphasis in music education with a concentration (option) in vocal principal:

<b>Courses</b>	<b>Hours</b>
<b>Music Performance</b>	
Voice (must include Voic 322)	12
Mus 113, 114, 213, 214 (may be satisfied by proficiency)	8
Mus 207	2
Mus 100 (six semesters, 0 credit hours)	0
<b>Ensembles</b>	
Chorus	7
<b>Music Theory</b>	
Music 105 (may be satisfied by proficiency), 106, 205, 206, 305, 347	15
<b>Music History and Literature</b>	
Mus 104, 301, 302	9
<b>Music Education</b>	
Mus 311, 315, 371, 381, 383, 384	16
<b>Professional Education</b>	
Edci 351, 352	6
Mus 422	3
Edle 473	12

## Emphasis in Music Education, Concentration in Keyboard Principal

Course Requirements: Requirements for the B.M., emphasis in music education with a concentration (option) in keyboard principal:

<u>Courses</u>	<u>Hours</u>
<b>Music Performance</b>	
Principal instrument (must include a 322 course)	12
Voice	8
Mus 214	2
Mus 100 (six semesters, 0 credit hours)	0
<b>Ensembles</b>	
Major ensemble (band, chorus, or orchestra)	4
Any ensemble or Mus 308 (three semesters)	3
<b>Music Theory</b>	
Mus 105 (may be satisfied by proficiency), 106, 205, 206, 305, 347	15
<b>Music History and Literature</b>	
Mus 104, 301, 302	9
<b>Music Education</b>	
Mus 311, 315, 371, 381, 383, 384	16
<b>Professional Education</b>	
Epci 351, 352	6
Mus 422	3
Edle 473	12

## Emphasis in Music Performance

Description: The B.M. with emphasis in music performance prepares students to become professional musicians (performing as woodwind, brass, string, or percussion instrumentalists, pianists or vocalists) and/or for graduate or professional school. This emphasis can be completed with a concentration (option) in piano, instrumental, or vocal as principal instrument.

## General Education Course Requirements

<u>Courses</u>	<u>Hours</u>
Engl 101, 102; 6 hours at 200 level	12
Modern or ancient language*	6
Natural science, chosen from biological science, chemistry, geology, astronomy, physics, or physical science (courses must include laboratories)	6-8
His 101, 102 or 105, 106	6
Mathematics (any mathematics course at the 100 level or above except for Math 245 and Math 246)	3

\*Students must complete 6 hours at the 200 level or above in one modern or ancient language to fulfill this requirement.

Course Requirements: Students in the B.M. with emphasis in music performance must complete the course requirements for either the concentration (option) in piano, instrumental, or vocal as principal instrument.

Other Academic Requirements: A grade of C or higher is required on all music courses applied toward the degree. Students must earn at least 18 hours of their major courses in residence.

### Emphasis in Music Performance, Concentration in Piano

Course Requirements: Requirements for the BM, emphasis in music performance with concentration (option) in piano:

<u>Courses</u>	<u>Hours</u>
<b>Music Performance</b>	
Major instrument, including Pian 342 and 442	18
Mus 315, 414	4
Music performance electives	4
Mus 100 (six semesters, 0 credit hours)	0
<b>Ensembles</b>	
Major ensemble (band, chorus, orchestra)	4
Instrumental chamber ensemble	2
Any ensemble (four semesters)	4
Mus 308	2
<b>Music Theory</b>	
Mus 105 (may be satisfied by proficiency), 106, 205, 206, 305, 347, and 505 or 506 or 507 or 508 or 512 or 514	18
<b>Music History and Literature</b>	
Mus 104, 301, 302, 312, and 6 hours of upper-division music history/literature electives	18
Music electives	15-17

### Emphasis in Music Performance, Concentration in Instrumental

Course Requirements: Requirements for the B.M., emphasis in music performance with concentration (option) in instrumental (except keyboard):

<u>Courses</u>	<u>Hours</u>
<b>Music Performance</b>	
Major instrument, including 342 and 442	18
Mus 113, 114, 213, 214 (may be satisfied by proficiency)	8
Mus 315, 385	4
Mus 100 (six semesters, 0 credit hours)	0
<b>Ensembles</b>	
Major ensemble (band, chorus, orchestra)	4
Instrumental chamber ensemble	4
Any ensemble (four semesters)	4
<b>Music Theory</b>	
Mus 105 (may be satisfied by proficiency), 106, 205, 206, 305, 347, 405, and 505 or 506 or 507 or 508 or 512 or 514	20
<b>Music History and Literature</b>	
Mus 104, 301, 302 and 6 hours of upper- division music history/literature electives	15
Music electives	12-14

## Emphasis in Music Performance, Concentration in Vocal Principal

Course Requirements: Requirements for the B.M., emphasis in music performance with concentration (option) in vocal principal:

<u>Courses</u>	<u>Hours</u>
<b>Music Performance</b>	
Major instrument, including Voic 342 and 442	18
Mus 207, 208, 315, 381, 529	10
Mus 113, 114, 213, 214 (may be satisfied by proficiency)	8
Mus 100 (six semesters, 0 credit hours)	0
<b>Ensembles</b>	
Opera Theatre or Production Workshop	8
Major ensemble (band, chorus, orchestra)	4
Any ensemble (four semesters)	4
<b>Music Theory</b>	
Mus 105 (may be satisfied by proficiency), 106, 205, 206, 305, 347 and 505 or 506 or 507 or 508 or 512 or 514	18
<b>Music History and Literature</b>	
Mus 104, 301, 302, 303, 304, and 3-5 hours of upper-division music history/literature electives	16-18
<b>Music Education</b>	
Mus 384	3

## NAVAL SCIENCE

Captain John J. Sorce, chair • 213 BARNARD HALL • (662) 915-5831

[http://www.olemiss.edu/depts/naval\\_science/](http://www.olemiss.edu/depts/naval_science/)

### Minor in Naval Science

Description: Students outside the NROTC unit who minor in naval science will be educated in some of the basic functions of our nation's Navy and Marine Corps and will gain an appreciation for some of the responsibilities expected of our service members.

Course Requirements: A minor in naval science consists of 18 hours minimum. The following courses are required for non-Navy and non-Marine Corps students desiring a minor: Nsc 111 or 112; 212; 213; 310 or 410; 312; and 313. Only NROTC students may take the naval science leadership laboratories. NROTC students will take one naval science leadership laboratory each semester in addition to the following sample programs.

SAMPLE PROGRAM FOR A MINOR IN NAVAL SCIENCE  
FOR NAVY NROTC STUDENTS

FRESHMAN YEAR		SOPHOMORE YEAR	
Courses	Semester Hours	Courses	Semester Hours
Nsc 111, 112	4	Nsc 211, 212, 213	6
JUNIOR YEAR		SENIOR YEAR	
Courses	Semester Hours	Courses	Semester Hours
Nsc 312, 313	6	Nsc 412, 413	5

SAMPLE PROGRAM FOR A MINOR IN NAVAL SCIENCE  
FOR MARINE NROTC STUDENTS

FRESHMAN YEAR		SOPHOMORE YEAR	
Courses	Semester Hours	Courses	Semester Hours
Nsc 111, 112	4	Nsc 211	2
JUNIOR YEAR		SENIOR YEAR	
Courses	Semester Hours	Courses	Semester Hours
Nsc 310 (or 410)	3	Nsc 410 (or 310), 412	5

## NURSING

See Health Professions.

## OCCUPATIONAL THERAPY

See Health Professions.

## PHILOSOPHY AND RELIGION

Professor William Lawhead, chair • BRYANT HALL • (662) 915-7020

<http://www.olemiss.edu/depts/philosophy/>

Overview: The Department of Philosophy and Religion offers a minor, a Bachelor of Arts (B.A.), and Master of Arts (M.A.) in philosophy. The department offers a minor and a Bachelor of Arts (B.A.) in religious studies.

### B.A. in Philosophy

Description: Philosophy is the study of the fundamental ideas underlying every dimension of human life. A major in philosophy helps one to think clearly, communicate persuasively, engage in moral reasoning, and formulate a coherent approach to life. Typically, philosophy majors go on to graduate school, law school, medical school, theological studies, or careers in business.

General Education Course Requirements: See the General Education/Core Curriculum for the College of Liberal Arts.



Course Requirements: A B.A. in philosophy consists of 30 semester hours that must include Phil 301, 302, 319, 321, 324, 497, and any other 12 hours of philosophy courses. Religion courses that are not cross-listed with philosophy courses do not count toward the degree.

Other Academic Requirements: A grade of C or higher is required in all philosophy courses applied toward the major.

### **Minor in Philosophy**

Course Requirements: A minor in philosophy consists of 18 hours of philosophy courses. Religion courses that are not cross-listed with philosophy do not count toward a philosophy minor.

Other Academic Requirements: A grade of C or higher is required in all philosophy courses applied toward the minor.

### **B.A. in Religious Studies**

Description: Religious Studies aims to critically explore the means by which human beings have expressed themselves religiously, both historically and cross-culturally. Through the study of myths, rituals, symbols, divine figures, and sacred scriptures, the academic study of religion promotes the phenomenon of religion itself as a prominent component of human life and culture.

General Education Course Requirements: See the General Education/Core Curriculum for the College of Liberal Arts.

Course Requirements: A B.A. in religious studies consists of 30 semester hours that must include Rel 101, 309, 324, and 497; one course in sacred texts chosen from Rel 310, 312, 327, 352; one course on Asian religions chosen from 308, 311, 320, 325, Inst 323; and 12 additional hours of religion courses from a list consisting of any Rel courses (including the courses listed above) as well as a maximum of 6 hours from the following approved electives taught outside the department: AH 330, 332; Anth 308, 312, 323, 327, 404; Engl 372, 427; His 319, 337, 356, 374, 375. Philosophy courses that are not cross-listed with religion do not count toward a religious studies major.

Other Academic Requirements: A grade of C or higher is required in all the courses applied toward the major.

### **Minor in Religious Studies**

Course Requirements: A minor in religious studies consists of 18 hours of religion courses. Philosophy courses that are not cross-listed with religion do not count toward a religious studies minor.

Other Academic Requirements: A grade of C or higher is required in all religion courses applied toward the minor.

## **PHYSICS AND ASTRONOMY**

Professor Thomas C. Marshall, chair • 108 LEWIS HALL • (662) 915-7046

[http://www.olemiss.edu/depts/physics\\_and\\_astronomy/](http://www.olemiss.edu/depts/physics_and_astronomy/)

Overview: The Department of Physics and Astronomy offers a minor, Bachelor of Arts (B.A.), and Bachelor of Science (B.S.) degrees in physics. At the graduate level, the department offers the Master of Arts (M.A.), Master of Science (M.S.), and Doctor of Philosophy (Ph.D.) in physics.

## **B.A. in Physics**

Description: The B.A. degree in physics is suggested for students wishing to teach physics in high school or to enter graduate or professional schools, such as medical school or law school. The department also offers a special B.A. degree for pre-medical students; this degree includes physics courses that are especially useful for medical students. Students wishing to obtain a B.A. degree and secondary education certification should contact the School of Education.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in physics for the B.A. degree requires 26 semester hours of physics classes. Students must follow one of two tracks: (1) Phys 211, 212, 221, 222 or (2) Phys 213, 214, 223, 224, 303. Both tracks require Phys 498, Math 261, and Math 262. For track (1), at least 16 hours of approved physics courses at the 300 level or higher are required. In addition to Phys 303, track (2) requires at least 13 hours of approved physics courses at the 300 level or higher. Both tracks must include at least 6 hours of approved physics courses at the 400 level or above. Students following track (1) cannot take Phys 303 for credit toward the major.

The special B.A. physics major for pre-medical students uses the same two tracks (and the restriction on Phys 303), but specifies that the 16 or 13 hours of physics electives must be chosen from the following group of courses: Phys 315, 319, 321, 413, 415, 417, and 422.

## **B.S. in Physics**

Description: The B.S. degree in physics is suggested for students wishing to do professional work in physics; it also prepares a student for graduate or professional schools, such as medical school or law school.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A B.S. major in physics must have a working knowledge of mathematics, including differential equations. B.S. physics majors must take Math 261, 262, 263, 264, and 353, plus at least one of the following courses: Math 319, 454, or 459. All six required math courses should be completed by the end of the junior year. Forty-two hours of physics courses are required for the B.S. degree; they include Phys 211, 212, 221, 222, 308, 309, 310, 317, 318, 319, 401, 402, 451, 498, and one upper-division laboratory-based course in addition to Phys 319. (Typically, either Phys 321 or Phys 417 is taken as the other lab class in part because either will complete the 42-hour requirement.) Students cannot take Phys 303 for credit toward the major.

## **Minor in Physics**

Course Requirements: A minor in physics consists of 18 hours in physics, which must include the Phys 211, 212, 221, 222 sequence or the 213, 214, 223, 224 sequence, and at least 10 hours chosen from 303, 308, 309, 310, 315 or 317, 318, 319, 321, 401, 402, 415 or 417, 422, and 451. Students following the 211/212 sequence cannot take Phys 303 for credit toward the minor. Physics courses at the appropriate level may be substituted at the discretion of the department.

A special minor in physics for pre-medical students consists of Phys 213, 214, 223, 224, 315, 413, and 415.

Special minors in physics for students proposing to teach in high school are described under the Department of Chemistry and Biochemistry and the Department of Mathematics.

## **POLITICAL SCIENCE**

Professor Richard G. Forgette, chair • 133 DEUPREE HALL • (662) 915-7401

[http://www.olemiss.edu/depts/political\\_science/](http://www.olemiss.edu/depts/political_science/)

Overview: The Department of Political Science offers a minor and Bachelor of Arts (B.A.), Master of Arts (M.A.), and Doctor of Philosophy (Ph.D.) degrees in political science.

### **B.A. in Political Science**

Description: Political science is the study of political institutions and political behavior at the local, state, national, and international levels. Students of political science will develop critical thinking, writing, and oral communication skills essential to effective citizenship, as well as many careers.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in political science for the B.A. degree consists of 33 semester hours chosen from the subfields of American government and politics, comparative government and politics, international relations, and political analysis, including Political Science (Pol) 101, 102, 103, and 251.

Other Academic Requirements: At least 18 hours must be in non-Z-graded courses at the 300 level or above. Beginning with the fall 2006 semester, grades lower than C in political science courses will not be counted toward the political science major or minor.

### **Minor in Political Science**

Course Requirements: A minor in political science consists of 18 hours of political science courses, including Pol 101. At least 9 hours must be at the 300 level or above.

Other Academic Requirements: Beginning with the fall 2006 semester, grades lower than C in political science courses will not be counted toward the political science major or minor.

## **PRE-DENTAL STUDIES**

See Health Professions.

## **PRE-LAW**

137 Lyceum • (662) 915-5974

Pre-law is not a major. Most law schools require a baccalaureate degree before admission, but they do not prescribe a specific field of study for that degree.

## **PRE-MEDICAL STUDIES**

See Health Professions.

## **PRE-OPTOMETRY**

See Health Professions.

## **PRE-PHARMACY STUDIES**

For information contact: Dr. Marvin C. Wilson, associate dean for academic and student affairs • 1023 Thad Cochran Research Center • (662) 915-7996

## **PSYCHOLOGY**

Professor Michael T. Allen, chair • 205 PEABODY HALL

<http://www.olemiss.edu/depts/psychology/>

Overview: The Department of Psychology offers a minor and the Bachelor of Arts (B.A.) in psychology. Graduate-level programs are the Master of Arts (M.A.) and Doctor of Philosophy (Ph.D.) in psychology. The Ph.D. in psychology has emphases in clinical and experimental psychology.

### **B.A. in Psychology**

Description: The B.A. in psychology prepares students for careers in which a fuller understanding of human behavior is needed or to enter graduate programs in psychology and professional schools such as law and medicine. Students learn the scientific approach to the study of human and animal behavior, and can take courses in a variety of subfields, such as social, cognitive, personality, abnormal, developmental, and behavioral neuroscience. Students also learn the research process: experimental design, data collection, analysis, and interpretation.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in psychology for the B.A. degree consists of 30 semester hours, which must include Psy 201 (General Psychology), Psy 202 (Elementary Statistics), a laboratory course (Psy 390, 392, 394, or 396), and three of the following four courses: Psy 309 (Learning), Psy 319 (Brain and Behavior), Psy 320 (Cognitive Psychology), and Psy 321 (Social Psychology).

### **Minor in Psychology**

Course Requirements: A minor in psychology consists of 18 hours of psychology course work.

## **PUBLIC POLICY LEADERSHIP**

Associate Professor Robert J. Haws, chair • 105 ODOM HALL

<http://www.olemiss.edu/depts/leadership>

Overview: The Department of Public Policy Leadership offers the minor and the B.A. degree in public policy leadership.

Preliminary Requirements: Students must apply for admission to the B.A. in public policy leadership program.

## **B.A. in Public Policy Leadership**

Description: The B.A. in public policy leadership prepares high-performing students for positions of leadership in an increasingly complex world. The interdisciplinary curriculum for the major incorporates economics, geography, history, philosophy, political science, and psychology. The program emphasizes the global nature of responsible decision making, the ethical imperatives of leadership, critical thinking, and communication skills, and the quantitative skills necessary for careful policy analysis.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts. The completion of Pol 101, Econ 202, and Econ 203 will more than satisfy the 6 hours required of social science for the B.A. degree.

Course Requirements: A major in public policy leadership for the B.A. degree consists of 33 hours, including PPL 101, 210, 212, 300, 310, and 18 additional hours of 300-level or 400-level PPL courses. Pol 101, Econ 202, and Econ 203 are also required.

### **Minor in Public Policy Leadership**

Course Requirements: The minor consists of 18 hours, including PPL 101, 210, 212, and 9 additional hours of 300-level or 400-level PPL courses.

## **RADIO AND TELEVISION**

See the Department of Journalism.

## **RENAISSANCE AND EARLY MODERN STUDIES**

Professor Ivo Kamps, program director • W 205-B BONDURANT HALL • (662) 915-6548

### **Minor in Renaissance and Early Modern Studies**

Description: A minor in Renaissance and Early Modern studies offers students the opportunity to do interdisciplinary work in the period from roughly 1350 to 1789.

Course Requirements: This minor consists of 18 semester hours at the 300 level or above, taken in at least three different academic departments. Twelve of these semester hours must be outside the student's major. Students must take the core course, Engl 376/His 376/MIII 376-Renaissance and Early Modern Studies. Students are encouraged to explore course offerings in art history, religion, philosophy, music, anthropology, classics, linguistics, modern languages, English, and history. A list of approved courses is available from the director of the program.

## **ROTC PROGRAMS**

See Aerospace Studies (Air Force), Military Science and Leadership (Army), or Naval Science (Navy).

## **SOCIOLOGY AND ANTHROPOLOGY**

Associate Professor Kirsten Dellinger, chair • 103 LEAVELL HALL • (662) 915-7421

[http://www.olemiss.edu/depts/soc\\_anth/](http://www.olemiss.edu/depts/soc_anth/)

Overview: The Department of Sociology and Anthropology offers minors, Bachelor of Arts (B.A.), and Master of Arts (M.A.) degrees in sociology and anthropology.

### **B.A. in Sociology**

Description: Sociology is the systematic study of human social life. The B.A. in sociology provides students with the basic tools of sociological analysis including social research methods (both quantitative and qualitative) and theory. The curriculum in sociology equips students to more effectively negotiate the diverse society in which we live by addressing social inequalities such as race/ethnicity, gender, and social class.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in sociology for the B.A. degree requires 30 semester hours, including Sociology (Soc) 101, 365, 468, 498, and two of the following three courses: Soc 325, 413, and 427.

Other Academic Requirements: Not more than 3 hours of Soc 551 may be used for the major in sociology. An anthropology major may minor in sociology and vice versa.

### **Minor in Sociology**

Course Requirements: A minor in sociology consists of 18 hours of sociology course work.

### **B.A. in Anthropology**

Description: Anthropology is the comparative study of human culture. The department offers a broad range of courses dealing with human evolution, the culture of peoples from around the world and through time, biological and cultural human adaptation, and archaeology.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in anthropology for the B.A. degree requires 24 semester hours, including Anthropology (Anth) 303, 304, 305, and 409.

### **Minor in Anthropology**

Course Requirements: A minor in anthropology consists of 18 hours of anthropology courses. A sociology major may minor in anthropology and vice versa.

## **SOUTHERN STUDIES**

Professor Ted Ownby, director • CENTER FOR THE STUDY OF SOUTHERN CULTURE  
• BARNARD OBSERVATORY • (662) 915-5993

<http://www.olemiss.edu/depts/south/>

Overview: The Center for the Study of Southern Culture offers a minor, Bachelor of Arts (B.A.), and Master of Arts (M.A.) in Southern studies.

### **B.A. in Southern Studies**

Description: The B.A. in Southern studies involves the interdisciplinary study of the American South. The program brings together faculty members from the humanities and social sciences to explore the importance of region as a context of human experience.

rience. Through a variety of disciplines, including African American studies, anthropology, art, history, literature, music, politics, religion, and sociology, Southern studies seeks to investigate the challenges and contributions of the region, in order to situate the South in the fabric of American life. The undergraduate program teaches students both knowledge about the people, past and present, of the American South and a variety of techniques about studying those people.

**General Education Course Requirements:** The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

**Course Requirements:** A major in Southern studies for the B.A. degree consists of S St 101, 102, 401, 402, His 331, 332, plus an additional 24 hours taken from the following list of courses. Students must complete courses from a minimum of four of these departments: African American studies (AAS 201, 202, 307, 310, 325, 326, 329, 337, 420, 504, 593); Art (AH 338, 348, 349, 350, 398); Economics (Econ 422); English (Engl 310, 322, 323, 368, 373, 466, 467, 566); History (His 307, 308, 330, 333, 334, 335, 336, 337); Music (Mus 321, 517, 518); Political Science (Pol 317, 318); Philosophy and Religion (Rel 303, 503); Sociology and Anthropology (Soc 334, 413, Anth 309, 334, 337); and Southern Studies (S St 303, 334, 406, 534, 598).

Two areas of concentration also are acceptable as Southern studies majors: (1) A history concentration of S St 101, 102, 401, and 402; 21 hours chosen from the history courses listed above; and 9 additional hours selected from other courses listed above; (2) a 45-hour fine and performing arts concentration of S St 101, 102, 401, and 402, Thea 306 and 521, AH 349, 350, and 338 or 348, Mus 317, 318, and 321, and 9 additional hours selected from other courses listed above.

**Other Academic Requirements:** Although other requirements for the B.A. degree must be met, the Southern studies major requires no minor.

### **Minor in Southern Studies**

**Course Requirements:** A minor in Southern studies consists of S St 101, 102, 401, and 402. Six additional hours must be selected from the following courses: African American studies (AAS 201, 202, 307, 310, 325, 326, 329, 337, 420, 504, 593); art (AH 365, 366, 367, 369, 386); economics (Econ 422); English (Engl 310, 322, 323, 368, 373, 466, 467, 566); history (His 307, 308, 330, 333, 334, 335, 336, 337); music (Mus 321, 517, 518); political science (Pol 317, 318); philosophy and religion (Rel 303, 503); sociology and anthropology (Soc 334, 413, Anth 309, 334, 337); and Southern studies (S St 303, 334, 406, 534, 598).

Courses offered in the same department in which the student is taking a major may not be counted toward a Southern studies minor. Exceptions may be allowed for sociology majors who wish to count Anth 309 or 404 toward the minor, for anthropology majors who wish to count Soc 315, 345, 351, or 413 toward the minor, and for art majors who wish to count AH 338, 348, 349, or 350 toward the minor.

## **SPANISH**

See the Department of Modern Languages.

## **THEATRE ARTS**

Professor Rhona Justice-Malloy, chair • 110 ISOM HALL • (662) 915-5816

[http://www.olemiss.edu/depts/theatre\\_arts/](http://www.olemiss.edu/depts/theatre_arts/)

Overview: The Department of Theatre Arts offers a minor, Bachelor of Arts (B.A.), and Bachelor of Fine Arts (B.F.A.) in theatre arts. The B.F.A. degree has emphases in acting, musical theatre, and design and technology.

Accreditation: The Department of Theatre Arts is accredited by the National Association of Schools of Theatre.

Preliminary Requirements: Students must have a successful audition or portfolio review by theatre arts faculty for admission to the B.F.A. program. Contact the Department of Theatre Arts for more information.

### **B.A. in Theatre Arts**

Description: The B.A. degree is a generalist degree program that allows students to study and train in many different aspects of the theatre, including stage management, performance, direction, design, and film. The B.A. degree is designed for students who want to teach on either the secondary or college level, desire a career in direction, or have a primary interest in stage management.

General Education Course Requirements: The general education/core curriculum requirements for this program are those defined by the College of Liberal Arts.

Course Requirements: A major in theatre arts for the B.A. degree requires 38 hours of theatre arts courses, including one of the following two sequences: Thea 110, 111, 168, 169 or Thea 272, 273, 274. Also required for the degree are Thea 271, 272, 320, 321, 322, 326, 327, 338, 339, 481, and 499.

Other Academic Requirements: A grade of C or higher is required on all theatre courses applied toward the major.

### **Minor in Theatre Arts**

Description: A minor in theatre arts provides students with a solid knowledge base in theatre history and allows them to explore other areas of theatre studies.

Course Requirements: A minor in theatre may be obtained by completing, with a grade of C or better, Thea 321, 322, and any other 12 hours of theatre courses. Dance classes will not be counted toward a theatre minor without approval by the department chair.

### **B.F.A. in Theatre Arts**

Description: The B.F.A. major in theatre arts is intended for individuals who seek a professional career in theatre or who wish preparation for graduate work in the discipline. The B.F.A. must be completed with an emphasis in either acting, design/technology, or musical theatre.

General Education Course Requirements: The general education requirements for the B.F.A. in theatre arts include the following courses (33-35 hours):

Engl 101, 102	6 hours
200-level English literature courses	6 hours
Behavioral/social sciences	6 hours
History (His 101, 102 preferred)	6 hours
Natural science (with laboratories)	6-8 hours
Mathematics (from among college algebra, quantitative reasoning, or a more advanced mathematics course)	3 hours



Course Requirements: A major in theatre arts for the B.F.A. degree requires 129 semester hours. Students are required to choose one of three emphases: acting, design/theatre technology, or musical theatre.

Other Academic Requirements: A grade of C or higher is required on all theatre courses applied toward the B.F.A. degree.

### **Emphasis in Acting**

Description: The emphasis in acting provides individualized studio training in voice, movement, period styles, stage combat, script analysis, role preparation, and scene study. In addition to rigorous classroom work—in their field of study as well as in theory, history, literature, craft skills, directing, and business and employment practices—students are given many opportunities to perform for main-stage and studio productions, preparing them for professional employment.

Course Requirements: The emphasis in acting requires 129 total semester hours, including 75 hours of theatre arts and dance courses, comprising the following:

Acting, Movement, and Voice	Hours
Thea 110, 111—Freshman Performance Studies	4
Thea 168—Fundamentals of Voice and Speech	2
Thea 169—Voice and Movement	2
Thea 210, 211—Sophomore Performance Studies	8
Thea 310, 311—Junior Performance Studies	8
Thea 330, 331—Stage Combat I, II	4
Thea 410, 411—Senior Performance Studies	8
Theory, History, and Literature	
Thea 320—Theory and Practice of Drama	3
Thea 321, 322—Theatre History I, II	6
Thea 326, 327—Dramatic Literature I, II	6
Other Theatre Requirements:	
Thea 220—Business and Employment Practices in the Professional Theatre	3
Thea 240—Makeup	3
Thea 271—Stagecraft	3
Thea 272—Introduction to Costumes for the Stage	3
Thea 338, 339—Technology Lab I, II	2
Thea 481—Directing	3
Thea 499—Senior Review	1
Danc	4

In addition to the core curriculum and theatre arts requirements, the acting emphasis requires elective hours (19-21) chosen from any area, including theatre arts, to bring the total number of credits to 129 semester hours.

### **Emphasis in Design/Theatre Technology**

Description: The emphasis in design/theatre technology is a comprehensive design program that allows students to concentrate in costume design and technology, lighting design, or scenic design. In addition to rigorous classroom work—in their field of

study as well as in theory, history, literature, directing, and business and employment practices—students have individualized instruction and multiple opportunities for realized design projects in main-stage and studio productions and are able to compile portfolios that will help them achieve professional employment or enter graduate school.

**Course Requirements:** The emphasis in design and theatre technology requires 129 total semester hours, including 72 hours of theatre arts courses, comprising the following:

Design and Technology	Hours
Thea 171—Rendering for the Theatre	3
Thea 192, 291, 292, 391, 392, 491, 492 —Production Studies I-VII	20
Thea 271—Stagecraft	3
Thea 272—Introduction to Costumes for the Stage	3
Thea 274—Theatre Design Graphics	3
Thea 276—Fundamentals of Computer-aided Design for Theatre	3
Approved electives in theatre design	12
 <b>Theory, History, and Literature</b>	
Thea 320—Theory and Practice of Drama	3
Thea 321, 322—Theatre History I, II	6
Thea 326, 327—Dramatic Literature I, II	6
Thea 374, 377—Introduction to the History of Dress and Decor I, II	6
 <b>Other Theatre Requirements</b>	
Thea 481—Directing	3
Thea 499—Senior Review	1

In addition to the core curriculum and theatre arts requirements, the emphasis in design/technology requires 3 hours of art history and elective hours (19-21) chosen from any area, including theatre arts, to bring the total number of credits to 129 semester hours.

### **Emphasis in Musical Theatre**

**Description:** The emphasis in musical theatre provides comprehensive training in vocal, dance, and performance styles, as well as specialized actor training in all the major musical theatre styles. In addition to rigorous classroom work—in their field of study as well as in theory, history, literature, craft skills, directing, and business and employment practices—main-stage musical productions and the resident dance troupes, such as Showstoppers and Mississippi: The Dance Company, provide performance opportunities that prepare students for graduate study or professional employment.

**Course Requirements:** The emphasis in musical theatre requires 129 total semester hours, including 79 hours of theatre arts and dance courses, comprising the following:

Acting, Movement, Voice, and Musical Performance	Hours
Thea 110, 111—Freshman Performance Studies	4
Thea 163—Introduction to Musical Theatre Performance	2
Thea 168—Fundamentals of Voice and Diction	2
Thea 169—Voice and Movement	2
Thea 210, 211—Sophomore Performance Studies	8
Thea 301, 302—Scene Studies I, II	4
(Note: Students qualifying for, electing, and completing the acting sequence 310, 311, 410, 411 may substitute Thea 310 for 301, 302)	
Thea 465, 466—Musical Theatre Performance I, II	6
<b>Theory, History, and Literature</b>	
Thea 320—Theory and Practice of Drama	3
Thea 321—Theatre History I	3
Thea 326—Dramatic Literature I	3
Thea 421, 422—Musical Theatre History and Literature I, II	6
<b>Other Theatre Requirements</b>	
Thea 220—Business and Employment Practices in the Professional Theatre	3
Thea 240—Makeup	3
Thea 271—Stagecraft	3
Thea 272—Introduction to Costumes for the Stage	3
Thea 338, 339—Technology Lab I, II	2
Thea 481—Directing	3
Thea 499—Senior Review	1
Danc (must include Danc 255, 355)	16

In addition to the core curriculum and theatre arts requirements, the emphasis in musical theatre requires elective hours (15-17) chosen from any area, including theatre arts, to bring the total number of credits to 129 semester hours.

## **THEOLOGY**

A sound and broad preparation for entrance into a school of theology is offered by the college in courses leading to the degree of Bachelor of Arts. In addition to the foundation inherent in the general requirements for the degree, many courses of particular appropriateness are offered in the departments of Classics, History, Philosophy and Religion, and Sociology and Anthropology.

## **VETERINARY MEDICINE**

See Health Professions.

# Patterson School of Accountancy

**W. Mark Wilder, dean**

200 Conner Hall  
(662) 915-5756

Dale L. Flesher, associate dean

200 Conner Hall  
(662) 915-7623

<http://www.olemiss.edu/depts/accountancy/>

## **HISTORY/MISSION/PURPOSE**

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The primary function of the school is to provide professional education required to prepare students for careers as professional accountants in financial institutions, government, industry, nonprofit organizations, and public practice. Emphasis is placed upon both theoretical principles and concepts and practical applications to fulfill the need for reliable financial information. Professional courses offered at both the undergraduate and graduate levels provide students with the accounting education required to commence and continue to develop in a wide range of professional accounting careers.

## **DEGREES OFFERED**

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The curriculum of the School of Accountancy consists of a two-year pre-accountancy program plus a three-year professional program. The Bachelor of Accountancy (B.Accy.) degree is awarded upon completion of requirements through the fourth year of the program. The professional degree of Master of Accountancy or Master of Taxation will be awarded at the successful completion of the fifth year. A Doctor of Philosophy in accountancy is also offered.

## **ADMISSION POLICIES**

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**Admission to the Pre-accountancy Program** • Students wishing to enter the pre-accountancy program must meet all requirements for general admission to the university. International students must score at least 600 on the paper-based TOEFL or 100 on the Internet-based TOEFL.

**Admission to the Professional Program** • To be considered for admission to the professional program, a student must successfully complete the pre-accountancy program or its equivalent and have a minimum grade-point average of 2.5 on 54 or more cumulative hours attempted. A student failing to meet this grade-point average requirement may appeal for an exception but should be able to cite strong evidence of his or her potential for successfully completing the program. Completion of the minimum requirements will not in itself, however, ensure admission to the professional program. Admission will be by acceptance of application. Before enrolling in Accountancy 401, 402, or 411, a student must have been admitted to the professional program.

## **SCHOOL SPECIFIC ACADEMIC REGULATIONS OR PRACTICES**

### **General Education/Core Curriculum**

The general education/core curriculum requirements for the Bachelor of Accountancy program are given in the requirements section of the B.Accy. program.

## **SCHOOL SPECIFIC AND SCHOOLWIDE DEGREE REQUIREMENTS**

**Progression Requirements** • In order for a student who has been accepted into the professional program to progress from one year to the next professional year, the student must maintain a minimum grade-point average of 2.0 on the cumulative hours attempted at the university and a minimum grade-point average of 2.0 in 300-level or above accountancy courses, and comply with general university requirements. The 300-level or above required accountancy courses may be repeated only once.

**Credit from Other Sources** • A student is to obtain written permission from the dean prior to completing academic credit at other institutions or by independent study. A limit of one course from Accy 401, 402, 405, and 407 may be approved.

## **ADVISING**

The assistant to the dean in the Patterson School of Accountancy conducts academic advising for all undergraduate students throughout the year. Particularly during priority registration and new student orientation, all students must have their class schedules approved by the assistant to the dean each semester before enrolling for courses.

## **ACCREDITATION**

The Patterson School of Accountancy's undergraduate program has been accredited since 1944 by the Association to Advance Collegiate Schools of Business (AACSB). The school's master's program received separate accounting accreditation in May 1983 and was reaccredited in 1992 by the AACSB. The University of Mississippi School of Accountancy was one of the first schools in the country to receive separate accounting accreditation at both bachelor's and master's degree levels. The school is also a full member of the Federation of Schools of Accountancy.

## **RESEARCH AND SERVICE CENTERS**

National Library of the Accounting Profession  
<http://www.olemiss.edu/depts/accountancy/libraries.html>

Library Digital Accounting Collection  
[http://www.olemiss.edu/depts/general\\_library/aicpa](http://www.olemiss.edu/depts/general_library/aicpa)

## **OTHER INFORMATION**

**Mississippi Public Accountancy Law** • The public accountancy law authorizes the State Board of Public Accountancy to award certificates to certified public accountants upon qualification through passage of the CPA examination and appropriate profes-

sional experience. Candidates must have completed a minimum of 150 educational hours with a concentration in accounting to apply to sit for the examination.

## **Bachelor of Accountancy (B.Accy.)**

Description: The primary function of the accountancy program is to provide professional education required to prepare students for careers as professional accountants in financial institutions, government, industry, nonprofit organizations, and public practice. Emphasis is placed upon both theoretical principles and concepts and practical applications to fulfill the need for reliable financial information. Professional courses provide students with the accounting education required to commence and continue to develop in a wide range of professional accounting careers.

General Education Course Requirements: The general education/core requirements for the B.Accy. degree include the following:

<b>Courses</b>	<b>Hours</b>
English composition, Engl 101, 102 or Liba 102	6
Literature (200-level Engl) or languages (two semesters of the same modern or ancient language)	6
Natural science with laboratory (biological science, chemistry, geology, physics, and astronomy)	6-8
Mathematics, Math 267, 268 (or Math 261, 262)	6
Humanities (from among African American studies, classics, modern languages, history, honors, philosophy, religion, Southern studies, or gender studies)	6
Fine arts (from art, art history, music or theatre)	3
Behavioral science (from among anthropology, geography, journalism, political science, psychology, and sociology)	3

Additional pre-professional course requirements include Math 269 (3 hours); Accy 201, 202 (6); Econ 202, 203 (6); Bus 230, 250, and 271 (or Spch 102/105) (9).

The B.Accy. degree requires a minor, which may be fulfilled by completing the requirements as defined by any department that formally grants a minor. A student may use any of the required courses of the B.Accy. program to meet this minor requirement. For example, Engl 101, 102, and 250 may be used for a minor in English.

Course Requirements: Requirements for the B.Accy. degree include Accy 303, 304, 309, 310, 401, 402, 405, 407, and 411. Other required courses include Mgmt 371, Mgmt 372, Fin 331, Econ 302, Mktg 351, MIS 309, Engl 250, and Mgmt 493.

Other Academic Requirements: A student is to obtain written permission from the dean prior to completing academic credit at other institutions or by independent study. A limit of one course from Accy 401, 402, 405, and 407 may be approved.

To qualify for the B.Accy., a student must earn a minimum grade-point average of 2.0 on the cumulative hours attempted at the university and a minimum grade-point aver-

age of 2.0 on 300-level or above accountancy courses completed through the university and must comply with general university requirements for graduation. A student must complete in residence at least 30 semester hours of courses above the 300 level in business or accountancy.

### **Minor in Accountancy**

Description: Students pursuing a B.A. degree in the College of Liberal Arts may choose to minor in accountancy.

Course Requirements: A minor in accountancy consists of Accy 201, 202, 303, 304, and 6 additional hours in accountancy.

# School of Applied Sciences

**Linda F. Chitwood, dean**

George Street University House • (662) 915-7900

[http://www.olemiss.edu/depts/applied\\_sciences/](http://www.olemiss.edu/depts/applied_sciences/)

## **OVERVIEW**

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The School of Applied Sciences was established in 2001 and includes the departments of Communication Sciences and Disorders; Family and Consumer Sciences; Health, Exercise Science, and Recreation Management; Legal Studies; and Social Work.

## **HISTORY/MISSION/PURPOSE**

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**Mission** • The School of Applied Sciences offers professional preparation programs that integrate academic study, clinical training, creative research, service learning, and community outreach. Our goal is to develop leaders whose professional endeavors will improve human health and societal well-being.

## **DEGREES OFFERED**

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Bachelor of Arts in Park and Recreation Management

Bachelor of Science in Communication Sciences and Disorders

Bachelor of Science in Criminal Justice

Bachelor of Science in Dietetics and Nutrition

Bachelor of Science in Exercise Science

Bachelor of Science in Hospitality Management

Bachelor of Paralegal Studies

Bachelor of Social Work

## **ADMISSION POLICIES**

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**Admission to the School** • First-semester freshmen entering the School of Applied Sciences must meet the same requirements as those for general admission to the university. Students having completed at least one academic semester who wish to transfer into the school must contact the dean's office for additional admission requirements and regulations governing change of majors within the school.

## **SCHOOL SPECIFIC AND SCHOOLWIDE DEGREE REQUIREMENTS**

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Professional core course work for newly admitted students, readmitted students, and transfer students must be current within a seven-year period at the time of admission to a program, unless more current course work is required by accreditation standards; there will be no limit on general course work.



## **ADVISING**

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Each student admitted to the School of Applied Sciences is assigned an academic adviser within the student's selected major. The adviser's primary role is to assist a student during registration periods in selecting courses appropriate for his or her degree program. In addition, the academic adviser is available throughout the student's entire course of study to discuss future plans or possible academic difficulties. Students are reminded, however, that the faculty member's role is only to give advice. The ultimate responsibility for meeting all degree requirements rests with the student.

## **SELECTING AND CHANGING A MAJOR**

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Freshmen and transfer students entering the School of Applied Sciences must declare a major on the admissions application. Transfer students must have a transfer GPA of at least 2.0 to declare a major within the School of Applied Sciences.

Students currently or previously enrolled at The University of Mississippi under a different major must request a change of major at the dean's office in the George Street House. Students who have completed prior course work at The University of Mississippi must have a 2.0 GPA on all work attempted at the university (resident GPA) as well as on all work attempted at any institution of higher learning (overall GPA) in order to declare a major within the School of Applied Sciences.

## **RESEARCH AND SERVICE CENTERS**

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Center for Speech and Hearing Research  
[www.olemiss.edu/depts/comm\\_disorders/cshr.htm](http://www.olemiss.edu/depts/comm_disorders/cshr.htm)

Center for Health Promotion and Behavior  
[www.olemiss.edu/depts/hesrm/HP%20files/hpindex.htm](http://www.olemiss.edu/depts/hesrm/HP%20files/hpindex.htm)

Center for Intelligence and Security Studies  
[www.olemiss.edu/ciss](http://www.olemiss.edu/ciss)

## **DEPARTMENTS AND DEGREES OFFERED**

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### **COMMUNICATION SCIENCES AND DISORDERS**

Assistant Professor Lennette Ivy, interim chair • 303 GEORGE HALL • (662) 915-7652

[http://www.olemiss.edu/depts/comm\\_disorders/index.htm](http://www.olemiss.edu/depts/comm_disorders/index.htm)

Overview: The Department of Communication Sciences and Disorders offers the Bachelor of Science (B.S.) in communication sciences and disorders as well as the Master of Science (M.S.) in communication sciences and disorders.

Accreditation: The M.S. in communication sciences and disorders program is accredited by the American Speech-Language-Hearing Association (ASHA) through the Council on Academic Accreditation.

Preliminary Requirements: Students with previous college-level course work must have a minimum resident and overall GPA of 2.0 to enter this degree program.

## **B.S. in Communication Sciences and Disorders**

Description: The B.S. in communication sciences and disorders is a pre-professional degree that prepares students to pursue a graduate degree in communication sciences and disorders. The graduate degree is required for work in the field of communication sciences and disorders (speech-language pathology and audiology).

Goals/Mission Statement: The mission of the Department of Communication Sciences and Disorders is to provide an accredited program to educate and train graduate students in the discipline of communication sciences and disorders specific to the field of speech-language pathology. In addition, the department houses a Speech and Hearing Clinic for training students and for service to the community and university consumers.

General Education Course Requirements: The general education requirements for this degree are Engl 101; Liba 102 or Engl 102; 3 hours of Engl 250; 3 hours of literature (200 level or above); 9-12 hours of the same modern language (6 hours must be at the 200 level); 3 hours of humanities (to be chosen from AAS, Clc, G St, Phil, Rel, or S St); 3 hours of fine arts (chosen from AH 101, 102, 201, 202, Mus 101, 102, 103, 104, 105, Danc 200 or Thea 201); 8 hours of biological science (full-year sequence); 3 hours of a physical science (no lab required); 6 hours of mathematics (Math 115, Math 121, or more advanced); 6 hours of history; and 6 hours of social sciences. Course requirements also include 18-21 hours in a minor emphasis selected by the student and adviser with the remaining hours in general electives to meet the 124-hour requirement.

Course Requirements: A major in communication sciences and disorders for the B.S. degree requires 36 semester hours, including CSD 201, 205, 211, 216, 301, 316, 351, 356, 405, 495, and 6 additional hours (usually CSD 401 and 452 are recommended) as specified by the student's adviser.

Other Academic Requirements: A cumulative GPA of 2.75 in core CSD courses is required for completion of the Bachelor of Science in communication sciences and disorders.

## **FAMILY AND CONSUMER SCIENCES**

Associate Professor Teresa Carithers, chair • LENOIR HALL • (662) 915-7371

<http://www.olemiss.edu/depts/fcs/>

Overview: The Department of Family and Consumer Sciences offers the Bachelor of Science in Dietetics and Nutrition (B.S.D.N.), the Bachelor of Science in Hospitality Management (B.S.H.M.), and the Master of Science (M.S.) in food and nutrition services.

Accreditation: The dietetics and nutrition program is accredited by the Commission on Accreditation for Dietetic Education (CADE) of the American Dietetic Association.

Preliminary Requirements: Students with previous college-level course work must have a minimum resident and overall GPA of 2.0 to enter this degree program.

### **Bachelor of Science in Dietetics and Nutrition (B.S.D.N.)**

Description: The program in dietetics and nutrition provides an academic path for students to enter careers or advanced programs in dietetics and nutrition.

Goals and Mission: The mission of the program in dietetics and nutrition is dedicated to preparing future professionals for dietetic internships, related work experiences, and postbaccalaureate studies.

Goal 1. Provide students with a high quality didactic learning environment and experience to ensure they are competent in knowledge, skills, and foundations to be successful in the dietetic profession.

Goal 2. Provide opportunities for students to develop and explore their personal and professional interests, and to value lifelong learning.

Goal 3. Prepare graduates for professional service in dietetic internships, employment, or to pursue higher education opportunities.

Course Requirements: In addition to 40 hours of FCS courses, the requirements for the B.S.D.N. degree are as follows:

General Education Course Requirements: The general education/core education courses for the B.S.D.N. include Engl 101; Engl 102 or Liba 102; Engl 250; 3 hours of literature (200 level or higher); Psy 201; Soc 101; Math 115 and Math 121; 3 hours of fine arts; Bisc 102/103 and 104/105 or equivalent lab science; Spch 102 or 105; and CSci 191.

The additional external courses are Chem 105/115, Chem 106/116, Bisc 206, Bisc 207, Bisc 210, Chem 121, Chem 271, Mgmt 371, Mgmt 383, and Econ 101 or Econ 202.

The following FCS courses are required for this program: FCS 111, 211, 213, 214, 311, 323, 363, 373, 410, 411, 415, 461, 462, 472, 483, 511, and 517.

Other Academic Requirements: A verification statement documenting successful completion of all undergraduate course requirements is required for graduates to gain acceptance into accredited dietetic internship programs.

A student must complete the component requirements for the B.S.D.N.

### **Bachelor of Science in Hospitality Management (B.S.H.M.)**

Description: Students who complete the program in hospitality management choose among many of the job settings in the growing hospitality industry, such as restaurants and foodservice operations, hotels and other lodging facilities, resorts, casinos, entertainment centers, convention centers, and visitor bureaus.

Goals/Mission Statement: The goal of the Bachelor of Science in Hospitality Management program is to enhance students' critical thinking and problem-solving skills so that they can cope with the various needs of the hospitality industry in a managerial position.

General Education Course Requirements: Engl 101; Liba 102 or Engl 102; Engl 250; 3 hours of literature at the 200 level or higher; 6 hours of the same modern or ancient language; Psy 201; Soc 101; Math 115; Math 121; 3 hours of fine arts (chosen from AH 101, 102, 201, 202, Mus 101, 102, 103, 104, 105, Danc 200 or Thea 201); Bisc 102/103 and Bisc 104/105; Spch 102 or 105; CSci 191; Accy 201; Bus 250; Econ 202; Mktg 351; Mgmt 371; Mgmt 383; and electives to bring total number of hours to the required 124.

Course Requirements: This degree program requires 50 hours of professional course work: FCS 111, 210, 211, 213, 215, 311, 360, 361, 363, 373, 441, 462, 464, 467, 471, 472, 484 and 6 hours of FCS electives.

## **HEALTH, EXERCISE SCIENCE AND RECREATION MANAGEMENT**

Professor Mark Loftin, chair • 215 TURNER CENTER

<http://www.olemiss.edu/depts/hesrm/>

Overview: The Department of Health, Exercise Science, and Recreation Management offers the following degrees: the Bachelor of Science in Exercise Science (B.S.E.S.), the Bachelor of Arts in Park and Recreation Management (B.A.P.R.M.), the Master of Arts (M.A.) in park and recreation management, the Master of Science (M.S.) in exercise science, the Master of Science (M.S.) in health promotion, and the Doctor of Philosophy (Ph.D.) in exercise science.

Accreditation: The Bachelor of Arts in park and recreation management program is accredited by the National Recreation and Park Association.

Preliminary Requirements: Students with previous college-level course work must have a minimum resident and overall GPA of 2.0 to enter the undergraduate degree programs.

Additional Information: A minor in park and recreation management is available to students in other degree programs.

### **Bachelor of Science in Exercise Science**

Description: The B.S.E.S. degree program is designed for students entering allied health and fitness professions. With the degree, careers as health and fitness directors within private, municipal, corporate, and hospital-based fitness and health promotion centers are available. Students completing the B.S. degree often continue their education in exercise science, physical therapy, cardiac rehabilitation, and other health-related graduate programs.

General Education Course Requirements: The general education/core requirements for this degree include Engl 101 and Engl 102 or Liba 102 (6 hours); literature (3 hours); history (6 hours); fine arts (3 hours); additional course in literature, humanities, or fine arts (3 hours); speech (3 hours); social science selected from among Econ, Pol, Psy, or Soc (3 hours); Math 121 and Math 123 (6 hours); Bisc 102/103 or 160/161 (4 hours); Bisc 206 and 207 (8 hours); Chem 103/113 or 105/115 (4 hours); Phys 211/221 or 213/223 (4 hours); general electives to bring total number of hours to a minimum of 124.

Course Requirements: Requirements for the B.S.E.S. include core courses HP 191 and 203, ES 100, 338, 346, 348, 349, 391, 440, 446, 447, 456, 457, 473 or 493; and professional electives (12 hours) to be chosen from ES 402, ES 394, FCS 311, HP 303, ES 490, ES 471/Mgmt 371/PRM 471, ES 351/Psy 202/Math 115, or HP 312.

Other Academic Requirements: Majors must achieve a 2.5 GPA in the exercise science core.

### **Bachelor of Arts in Park and Recreation Management**

Description: The B.A.P.R.M. degree program is designed to develop skills preparatory to leadership and supervisory roles in a variety of leisure service careers, including municipal, outdoor, therapeutic, military, church, youth, commercial/tourism, and industrial.

General Education Core Requirements: The general education/core requirements for the B.A.P.R.M. degree include Engl 101 and Engl 102 or Liba 102 (6 hours); literature (6 hours); fine arts (3 hours); history (3 hours); humanities (3 hours to be selected from African American studies, classics, gender studies, modern languages, philosophy, religion, or Southern studies), 3 hours selected from anthropology, history, sociology, or political science; Math 121 (3 hours); elementary statistics (3); science with lab (6-8 hours); and Psy 201.

Course Requirements: The B.A.P.R.M. degree requires the following courses: HP 203, HP 191, PRM 194, 200, 301, 302, 332, 362, 425, 471, 391, 400, and 401. All PRM majors must complete one 13-hour specialization (selected from therapeutic recreation, recreational leadership, tourism, or outdoor recreation and interpretation). This specialization must be declared before enrolling in PRM 401 (Internship). In addition, the following other specific courses are required: CSci 191, 192, or 193 (3 hours); Psy 301 or FCS 323 (3 hours); Mktg 351; Mgmt 371; Mgmt 383; Jour 102; speech (3 hours); and general electives to bring the total number of hours to at least 124.

Other Academic Requirements: Students must achieve a minimum GPA of 2.5 in the professional PRM core courses presented for their degree.

### **Recreational Sports Leadership Track**

Electives to be selected with adviser approval from related fields.

### **Therapeutic Recreation Track**

Course Requirements: The therapeutic recreation specialization includes PRM 392, Practicum in Park and Recreation Management II (1 hour); PRM 472, Procedures and Techniques of Therapeutic Recreation (3 hours); PRM 573, Supervision and Administration of Therapeutic Recreation (3 hours); PRM 574, Current Trends in Therapeutic Recreation (3 hours); and an elective (adviser approved, selected from Psy 311 or other Psy, Soc, EDSD, SW, ES, or PRM 490–Independent Study) (3 hours).

### **Outdoor Recreation and Interpretation Track**

Electives to be selected with adviser approval from related fields.

### **Tourism Track**

Electives to be selected with adviser approval from related fields.

### **Minor in Park and Recreation Management**

Description: The minor in park and recreation management will provide a knowledge base suitable for employment in municipal, state, federal, or commercial park and recreation management positions. It does not meet teacher certification requirements.

Course Requirements: The minor in park and recreation management requires PRM 194, 200, 302, 332, 362 or 472, and a 3-hour PRM elective.

## **INTELLIGENCE AND SECURITY STUDIES**

Assistant Professor Carl Jensen, director, Center for Intelligence and Security Studies • (662) 915-1886

[www.olemiss.edu/ciss](http://www.olemiss.edu/ciss)

Course Description: A minor in intelligence and security studies (ISS) familiarizes students with the skills and background necessary for employment as entry-level analysts in the U.S. intelligence community.

Course Requirements: A minor in ISS requires students to complete the following courses: ISS 125, ISS 350, ISS 375, ISS 480, ISS 490, and ISS 499. No substitutions are permitted.

#### Other Academic Requirements

- A) ISS 125 is open to all students.
- B) Students who have completed or are taking ISS 125 may apply for the minor. The application process will consider a student's GPA, motivation, choice of major, writing skills, and maturity. Not all who apply will likely be accepted.
- C) Students must complete each course in the ISS minor with a grade of "B" or better and must maintain an overall GPA of 3.0. Students not meeting these requirements may be dropped from the minor.

### LEGAL STUDIES

Professor David H. McElreath, chair • ODOM HALL • (662) 915-7902

<http://www.olemiss.edu/depts/legalstudies/>

Overview: The Department of Legal Studies offers the Bachelor of Paralegal Studies (B.P.S.), Bachelor of Science in Criminal Justice (B.S.C.J.) (with emphases in law enforcement, corrections, and homeland security), and Master of Criminal Justice (M.C.J.).

Preliminary Requirements: Students with previous college-level course work must have a minimum resident and overall GPA of 2.0 to enter the undergraduate degree programs.

#### Bachelor of Paralegal Studies

Description: The paralegal studies program is designed for the student who wishes to pursue a career as a paralegal or legal assistant.

Goals/Mission Statement: Our mission is to educate students in a learning environment conducive to excellence in meeting the complex challenges present in justice-related services. Our faculty's goal is to expand the knowledge base and to integrate cutting-edge information into the learning experiences of students. In addition, the Department of Legal Studies' mission is to extend service to our constituents to enhance learning, program development, and justice-related service in Mississippi, the region, and the nation.

General Education Course Requirements: The general education requirements for the B.P.S. degree include Engl 101 (3), Liba 102 or Engl 102 (3), Engl 250 (3), 200-level literature (6), modern/ancient language (9-12 with at least 6 at the 200 level and all in the same language), fine arts (3), history (6), Pol 101 (3), social science (3), 6 hours of math, 115 or higher, excluding Math 245 and 246, natural science with lab (6-8), Spch 102 or 105 (3), and CSci 103 or 191 or 192 (3). General electives are required to bring the total number of hours to 124.

All students must complete a minor.

Course Requirements: This degree requires the following 42 credit hours of professional courses: LA 201, 204, 205, 303, 304, 305, 308, 401, 402, 405, 406, 490, 495, and an LA 3-hour elective.

### **Bachelor of Science in Criminal Justice**

Description: The course of study leading to the B.S.C.J. degree offers students the opportunity to study law enforcement, corrections, or homeland security/emergency management and the administration of justice.

Mission: Our mission is to educate students in a learning environment conducive to excellence in meeting the complex challenges present in justice-related services. Our faculty's goal is to expand the knowledge base and to integrate cutting-edge information into the learning experiences of students. In addition, the Department of Legal Studies' mission is to extend service to our constituents to enhance learning, program development, and justice-related service in Mississippi, the region, and the nation.

General Education Course Requirements: The general education requirements for the B.S.C.J. degree include Engl 101 (3), Liba 102 or Engl 102 (3), 200-level literature (6), humanities (3), fine arts (3), history (6), sociology or political science (3), social science (3), Math 115 and a more advanced mathematics course (6), natural science with lab (6-8). Also, a student must take general electives to bring the total hours to 124.

Students must complete a minor.

Course Requirements: The B.S.C.J. degree requires the following 45 credit hours of criminal justice courses: CJ 100, 322, 300, 490, and 499; 15 hours of criminal justice electives; and 15 hours of emphasis courses to be chosen from Corrections (CJ 120, 240, 270, 320, and 422), Homeland Security (CJ 115, 285, 376, 400, and 435), or Law Enforcement (CJ 110, 210, 230, 310, and 410).

Other Academic Requirements: For majors in this field, a minimum grade of 2.5 must be maintained on all criminal justice course work.

### **SOCIAL WORK**

Professor Carol M. Boyd, chair • 211 LONGSTREET HALL • (662) 915-7336

<http://www.olemiss.edu/depts/socialwork/>

Overview: The Department of Social Work offers the Bachelor of Social Work (B.S.W.) and Master of Social Work (M.S.W.) degrees.

Accreditation: The Department of Social Work's B.S.W. program has been continuously accredited by the Council of Social Work Education since 1974. The Master of Social Work program received candidacy status from the Council on Social Work Education in October of 2008.

Preliminary Requirements: Students with previous college-level course work must have a minimum resident and overall GPA of 2.0 to enter the B.S.W. program.

## **B.S.W. in Social Work**

**Description:** The B.S.W. degree prepares students to work as generalist social workers in a variety of settings with individuals, families, groups, communities, or organizations.

**Mission:** The mission of the Department of Social Work, in keeping with the university's emphasis on excellence in teaching, research, and service, is to provide students with a sound base of knowledge, values, and skills from the generalist perspective, which equips baccalaureate students to work in a variety of entry-level social work positions and to prepare them to pursue graduate work in social work. This involves a thorough grounding of students in both theoretical and practice frameworks on which the professional development of social work practice is based. The faculty provides students with a sound liberal arts foundation emphasizing a commitment to diversity and social and economic justice with systems of all sizes.

**General Education Course Requirements:** The following general education courses are required: Engl 101 and Liba 102/Engl 102; 12 hours of humanities courses, defined as English beyond composition, modern languages, religion, philosophy, African American studies, gender studies, or Southern studies (all 12 hours in one subject or 6 hours in each of two subjects); 3 hours of fine arts (to be selected from AH 101, 102, 201, 202; Mus 101, 102, 103, 104, 105; Danc 200; Thea 201); Bisc 102/103 and an additional 3-4 hours of any natural science with a lab; 6 hours of history; 6 hours of mathematics (Math 115 and Math 121 or higher); Pol 101; Psy 201; Psy 311; Soc 101; and 6 additional hours of social/behavioral sciences (from sociology, anthropology, economics, political science, or psychology).

**Course Requirements:** Specific requirements for the major include SW 315, 316, 321, 322, 335, 339, 340, 326 or 402, 417, 436, 437, 438, 450, 495, and 496. Additional general electives must be taken to bring the total number of hours to 124.

**Other Academic Requirements:** A minimum grade of C is required in all social work courses. No student may enroll in a social work course until a minimum grade of C has been obtained in prerequisite courses. No social work course may be taken more than two times.

Majors progress through the curriculum by passing courses in sequential fashion. Majors failing to reflect both an understanding and an endorsement of the Social Work Code of Ethics in course assignments, exams, and in required community service activities will be advised to seek another major.



# School of Business Administration

## **Ken Cyree, dean**

Delvin D. Hawley, senior associate dean

Tony P. Ammeter, associate dean for undergraduate programs

Sue L. Hodge, assistant to the dean for undergraduate programs

Doug Gurley, executive director, Mississippi Small Business Development Center

253 Holman Hall

<http://www.olemissbusiness.com/>

## **HISTORY/MISSION/PURPOSE**

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**Vision** • The UM School of Business Administration will deliver rigorous and meaningful programs designed to provide personal growth and professional development opportunities to individuals who aspire to lead modern organizations to competitive success in a challenging global business environment. All of the school's programs and initiatives will be

- Enlightened and invigorated by the most current business research;
- Inspired by the highest standards of ethical stewardship of the valuable resources entrusted to all members of the Ole Miss business community; and
- Characterized by an abiding commitment to finding new and innovative ways to improve the effectiveness of every operational process used to fulfill the school's mission.

**Mission** • Our mission is to deliver excellent business instruction, to conduct important theoretical and relevant applied business research, and to provide outstanding scholarly and professional community service to enhance learning, economic development, and business growth in Mississippi, the region, and the nation.

**Core Values** • The school is a learning community that embraces its mission in a collegial environment characterized by respect for all members of the SBA team, as we work to provide extraordinary service to each other, to our students, to the research community, and to society, with a commitment to excellence in all endeavors that we undertake. To uphold these values, the school is steadfastly devoted to

**Sustaining excellence in teaching, research, and service**, characterized by our belief in broad-based business education, our recognition and commitment to the importance of contemporary research that enhances the body of business knowledge, and our commitment to effectively serving the school, the university, and the larger academic, state, regional, and national communities;

**Fostering intellectual growth** through supporting a diverse community of faculty, students, and staff dedicated to the development of a culture of learning that fosters high ethical standards and respect for one another, and providing an environment that is conducive to learning, scholarship, and cooperative interaction to stimulate the enrichment of teaching, research, and lifelong professional development;

**Responding to its constituents** by fulfilling the obligation to support continuous improvement in the quality of its students, faculty, learning environment, and resources

to meet the changing needs of students, faculty, staff, employers, parents, alumni, friends, and others who care about the growth of the school, the local community, and the state of Mississippi, and serving as a faithful and prudent steward of resources that have been entrusted to the school by the university, the state, alumni, friends, corporations, and other stakeholders who have invested in supporting the mission of the school.

## **DEGREES OFFERED**

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The School of Business Administration offers the degree of Bachelor of Business Administration (B.B.A.) with majors in banking and finance, economics, management, management information systems, managerial finance, marketing, marketing communications, real estate, and risk management and insurance.

At the graduate level, the school offers the degree of Master of Business Administration (M.B.A.) and the degree of Doctor of Philosophy (Ph.D.) in the areas of finance, management, marketing, and management information systems.

## **ADMISSION POLICIES**

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**Pre-Business Program** • The B.B.A. curriculum consists of a two-year pre-business program plus a two-year major program. Students must meet all requirements for general admission to the university to enter the pre-business program. Students who score 21 or below on the mathematics subscore of the ACT will be required to earn a grade of C or better in Math 121-College Algebra, or its equivalent, in addition to successfully completing the other mathematics requirements in the pre-business program.

**Business Major Program** • Students must successfully complete the pre-business program or its equivalent (for those students transferring to the university from another institution) prior to enrollment in upper-division major course work. Students who have earned a grade-point average of at least 2.0 on the courses listed in the pre-business program will enroll in upper-division (300-level) major course work. Answers to frequently asked questions can be found on the school's Web site [www.olemissbusiness.com](http://www.olemissbusiness.com).

**Transfer Students** • Students transferring into Ole Miss before their junior year are required to have successfully completed courses equivalent to those included in the pre-business curriculum prior to enrollment in one of the school's nine major degree programs.

## **SCHOOL SPECIFIC ACADEMIC REGULATIONS OR PRACTICES**

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### **Program Completion Requirements**

**Credit Hours and Residence** • Minimum total: 120 semester hours. Students must complete at least one-half of their business and accountancy courses at The University of Mississippi, including 30 hours at the 300 level or above in business, economics, or accountancy.

## General Education/Core Curriculum

The general education/core curriculum requirements for the B.B.A. programs are given in the requirements section for each major.

## Advising

**Undergraduate Student Services and Academic Advising** • The School of Business Administration's undergraduate academic advising program is an essential part of the undergraduate educational experience. Academic counselors help undergraduate students understand the options and opportunities for academic programs of study, degree requirements, and course selection. Academic counselors will engage students in meaningful relationships designed to support and encourage a challenging and successful undergraduate education. Students will prepare for, and participate fully in, their advising experience. Each student is responsible for monitoring his or her academic progress toward degree completion.

## Honor Code Policy

**Academic Integrity** • The School of Business Administration upholds honor and academic integrity in all of its teaching, research, and service activities. All business faculty, staff, and students are charged with the responsibility to behave with personal and professional integrity and to refrain from dishonorable conduct.

## ACCREDITATION

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The School of Business Administration was initially accredited by the Association to Advance Collegiate Schools of Business (AACSB) in 1944. Accreditation is offered only to schools that meet the strict academic standards and program requirements established by this prestigious organization. The school's undergraduate and graduate programs received full reaffirmation of accreditation in 2001.

## RESEARCH AND SERVICE CENTERS

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Mississippi Small Business Development Center  
[www.mssbdc.org](http://www.mssbdc.org)

## OTHER INFORMATION

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**Academic Workload** • Business students are expected to spend three hours studying and working on course-related activities for each hour spent in the classroom (i.e., a 12-credit-hour class schedule typically requires 36 hours of work outside the classroom each week).

**Class Attendance** • Students must attend all class meetings of every course in which they are enrolled during the first week of the semester unless they have previously obtained departmental approval for any planned absences. Without such approval, a student who is absent may be dropped from that course during the first week by the dean of the school or college responsible for the course.

**Preliminary Requirements:** The curriculum of the School of Business Administration consists of a two-year pre-business program, plus a two-year major program wherein a student elects to major in one of nine major areas of concentration. Satisfactory completion of the pre-business curriculum at a grade point of 2.0 or above will enable the student to work toward the B.B.A. degree.

### **B.B.A. in Banking and Finance**

**Description:** Curricula of the School of Business Administration are designed both for those who plan to operate their own businesses and for those who plan to occupy responsible positions in business organizations. Work in money and banking, business finance, and investments acquaints the student with the role and function of financial institutions and transactions in the economic system and provides the student with adequate undergraduate training for private or public employment.

**General Education Course Requirements:** The general education requirements for the B.B.A. include Engl 101, Engl 102 or Liba 102 (3, 3); humanities (history, philosophy, or modern languages) (3, 3); English literature (3); Math 261/262 or 267/268 or 271/272 (6); lab science (astronomy, biology, chemistry, geology, or physics) (3/4, 3/4); fine arts (art, art history, dance, music, or theatre arts) (3); behavioral or social science (psychology, sociology, anthropology, or political science) (3).

**Course Requirements:** Requirements for the major in banking and finance include the B.B.A. core: Accy 201, 202 (3, 3); Econ 202, 203 (3, 3); Bus 230, Bus 271, Bus 250, Bus 302; nonbusiness elective (12); Mktg 351; Fin 331; Mgmt 371, Mgmt 372, Mgmt 493; MIS 309; 300-level business elective (6); and 300-level business/nonbusiness elective (3). A list of prerequisite courses requiring a minimum grade of "C" is available at [www.olemissbusiness.com](http://www.olemissbusiness.com) or in undergraduate student services, Holman 220.

The banking and finance major requires completion of the following additional 24 semester hours, including Fin 303, 334, 338, 537, 538 and 9 semester hours from the following courses: 300+ accounting (Accy), Econ 398 or 399, or Fin 341, 355, 431, 533, 534, 561, or 581.

**Other Academic Requirements:** Business students may not enroll in major course work prior to satisfactory completion (2.0 GPA) of the pre-business curriculum. No student may enroll for more than 18 semester hours unless approved by the dean.

### **B.B.A. in Economics**

**Description:** Curricula of the School of Business Administration are designed both for those who plan to operate their own businesses and for those who plan to occupy responsible positions in business organizations. The study of economics provides a foundation for many positions in business and government. These positions include research analysts, statisticians, and economists.

**General Education Course Requirements:** The general education requirements for the B.B.A. include Engl 101, Engl 102 or Liba 102 (3, 3); humanities (history, philosophy, or modern languages) (3, 3); English literature (3); Math 261/262 or 267/268 or 271/272 (6); lab science (astronomy, biology, chemistry, geology, or physics) (3/4, 3/4); fine arts (art, art history, dance, music, or theatre arts) (3); behavioral or social science (psychology, sociology, anthropology, or political science) (3).

**Course Requirements:** Requirements for the major in economics include the B.B.A. core: Accy 201, 202 (3, 3); Econ 202, 203 (3, 3); Bus 230, Bus 271, Bus 250, Bus 302;

nonbusiness electives (12); Mktg 351; Fin 331; Mgmt 371, Mgmt 372, Mgmt 493; MIS 309; 300-level business elective (6); and 300-level business/nonbusiness elective (3). A list of prerequisite courses requiring a minimum grade of “C” is available at [www.olemissbusiness.com](http://www.olemissbusiness.com) or in undergraduate student services, Holman 220.

The economics major consists of 24 semester hours, including Econ 398 and Econ 399, and 18 semester hours of additional economics courses selected from among Econ 303, 305, 307, 308, 312, 320, 323, 329, 401, 402, 406, 417, 422, 504, 505, 506, 510, 513, 525, 540, 545, 581, or 583.

Other Academic Requirements: Business students may not enroll in major course work prior to satisfactory completion (2.0 GPA) of the pre-business curriculum. No student may enroll for more than 18 semester hours unless approved by the dean.

### **B.B.A. in Management**

Description: Curricula of the School of Business Administration are designed both for those who plan to operate their own businesses and for those who plan to occupy responsible positions in business organizations. The management curriculum is broad in nature and designed to provide professional education for management positions in private and public organizations. A variety of courses are available for students to develop knowledge and skills in behavioral management and human resource management.

General Education Course Requirements: The general education requirements for the B.B.A. include Engl 101, Engl 102 or Liba 102 (3, 3); humanities (history, philosophy, or modern languages) (3, 3); English literature (3); Math 261/262 or 267/268 or 271/272 (6); lab science (astronomy, biology, chemistry, geology, or physics) (3/4, 3/4); fine arts (art, art history, dance, music, or theatre arts) (3); behavioral or social science (psychology, sociology, anthropology, or political science) (3).

Course Requirements: Requirements for the major in management include the B.B.A. core: Accy 201, 202 (3, 3); Econ 202, 203 (3, 3); Bus 230, Bus 271, Bus 250, Bus 302; nonbusiness electives (12); Mktg 351; Fin 331; Mgmt 371, Mgmt 372, Mgmt 493; MIS 309; 300-level business elective (6); and 300-level business/nonbusiness elective (3). A list of prerequisite courses requiring a minimum grade of “C” is available at [www.olemissbusiness.com](http://www.olemissbusiness.com) or in undergraduate student services, Holman 220.

Requirements for an emphasis in human resource management are Mgmt 383, Mgmt 391, Mgmt 485, Mgmt 494, Mgmt 582, and 9 hours of human resource major field electives. Requirements for an emphasis in behavioral management are Mgmt 383, Mgmt 391, Bus 321, Mgmt 392, Mgmt 587, and 9 hours of behavioral major field electives. A list of major field electives is available at [www.olemissbusiness.com](http://www.olemissbusiness.com) or in the undergraduate student services office, Holman 220.

A minimum grade of C is required in all Mgmt courses applied by a student toward a major in management. A minimum grade of C is required in any Mgmt course that is a prerequisite for advanced Mgmt courses.

Other Academic Requirements: Business students may not enroll in major course work prior to satisfactory completion (2.0 GPA) of the pre-business curriculum. No student may enroll for more than 18 semester hours unless approved by the dean.

## **B.B.A. in Management Information Systems**

Description: Curricula of the School of Business Administration are designed both for those who plan to operate their own businesses and for those who plan to occupy responsible positions in business organizations. This unique program is designed to educate students as information system professionals. Students are provided with knowledge involving information systems technology, information concepts and processes, and organizational functions and management.

General Education Course Requirements: The general education requirements for the B.B.A. include Engl 101, Engl 102 or Liba 102 (3, 3); humanities (history, philosophy, or modern languages) (3, 3); English literature (3); Math 261/262 or 267/268 or 271/272 (6); lab science (astronomy, biology, chemistry, geology, or physics) (3/4, 3/4); fine arts (art, art history, dance, music, or theatre arts) (3); behavioral or social science (psychology, sociology, anthropology, or political science) (3).

Course Requirements: Requirements for the major in management information systems include the B.B.A. core: Accy 201, 202 (3, 3); Econ 202, 203 (3, 3); Bus 230, Bus 271, Bus 250, Bus 302; nonbusiness electives (9); Mktg 351; Fin 331; Mgmt 371, Mgmt 372, Mgmt 493; MIS 309; 300-level business elective (3); and 300-level business/non-business elective (3). A list of prerequisite courses requiring a minimum grade of "C" is available at [www.olemissbusiness.com](http://www.olemissbusiness.com) or in the undergraduate student services office, Holman 220.

In addition to the B.B.A. core, students in the management information systems major must complete MIS 280 (3 hours) and 21 upper-division MIS courses, to include MIS 307, 317, 330, 408, 409, 412, and 419. In addition, students must complete 6 hours from among the following restricted electives: Csci 211, 223, 259, and TC 201 and 432 or other as approved by department chair.

Other Academic Requirements: MIS majors are required to have a laptop prior to enrolling in major course work.

Business students may not enroll in major course work prior to satisfactory completion (2.0 GPA) of the pre-business curriculum. No student may enroll for more than 18 semester hours unless approved by the dean.

## **B.B.A. in Managerial Finance**

Description: Curricula of the School of Business Administration are designed both for those who plan to operate their own businesses and for those who plan to occupy responsible positions in business organizations. The managerial finance curriculum provides students with exposure to financial institutions, corporate financial decision making, and investment markets. Students develop a sufficient background in finance for employment in the public or private sector. A variety of courses are available for students to develop knowledge and skills in investments and corporate finance.

General Education Course Requirements: The general education requirements for the B.B.A. include Engl 101, Engl 102 or Liba 102 (3, 3); humanities (history, philosophy, or modern languages) (3, 3); English literature (3); Math 261/262 or 267/268 or 271/272 (6); lab science (astronomy, biology, chemistry, geology, or physics) (3/4, 3/4); fine arts (art, art history, dance, music, or theatre arts) (3); behavioral or social science (psychology, sociology, anthropology, or political science) (3).

Course Requirements: Requirements for the major in managerial finance include the B.B.A. core: Accy 201, 202 (3, 3); Econ 202, 203 (3, 3); Bus 230, Bus 271, Bus 250, Bus 302; nonbusiness electives (12); Mktg 351; Fin 331; Mgmt 371, Mgmt 372, Mgmt 493; MIS 309; 300-level business elective (6); and 300-level business/nonbusiness elective (3). A list of prerequisite courses requiring a minimum grade of “C” is available at [www.olemissbusiness.com](http://www.olemissbusiness.com) or in the undergraduate student services office, Holman 220.

In addition to the B.B.A. core, the managerial finance major consists of 24 semester hours. These courses include Accy 303 or 309, Fin 334, 338, 431, 533, and 581. Additionally, students must complete a 6-hour specialization in either corporate finance or investment analysis. Students will select 6 hours from among Accy 303, Accy 309, and a 300- or 400-level course for corporate finance; Fin 351 and Fin 341 are required for investment analysis.

Other Academic Requirements: Business students may not enroll in major course work prior to satisfactory completion (2.0 GPA) of the pre-business curriculum. No student may enroll for more than 18 semester hours unless approved by the dean.

### **B.B.A. in Marketing**

Description: Curricula of the School of Business Administration are designed both for those who plan to operate their own businesses and for those who plan to occupy responsible positions in business organizations. The marketing curriculum provides instruction in basic principles, major functions, and principal institutions of marketing. It emphasizes skills needed in advertising, retailing, sales management, marketing research, product management, distribution management, and related areas.

General Education Course Requirements: The general education requirements for the B.B.A. include Engl 101, Engl 102 or Liba 102 (3, 3); humanities (history, philosophy, or modern languages) (3, 3); English literature (3); Math 261/262 or 267/268 or 271/272 (6); lab science (astronomy, biology, chemistry, geology, or physics) (3/4, 3/4); fine arts (art, art history, dance, music, or theatre arts) (3); behavioral or social science (psychology, sociology, anthropology, or political science) (3).

Course Requirements: Requirements for the major in marketing include the B.B.A. core: Accy 201, 202 (3, 3); Econ 202, 203 (3, 3); Bus 230, Bus 271, Bus 250, Bus 302; nonbusiness electives (12); Mktg 351; Fin 331; Mgmt 371, Mgmt 372, Mgmt 493; MIS 309; 300-level business elective (6); and 300-level business/nonbusiness elective (3). A list of prerequisite courses requiring a minimum grade of “C” is available at [www.olemissbusiness.com](http://www.olemissbusiness.com) or in the undergraduate student services office, Holman 220.

In addition to the B.B.A. core, the major in marketing requires 24 semester hours beyond the Principles of Marketing (Mktg 351) course and must include the following courses: Mktg 367, 525, 551, and 552, as well as any additional 12 hours from the following courses: Mktg 353, 354, 356, 358, 361, 458, 462, 488, or 565.

Other Academic Requirements: Business students may not enroll in major course work prior to satisfactory completion (2.0 GPA) of the pre-business curriculum. No student may enroll for more than 18 semester hours unless approved by the dean.

## **B.B.A. in Marketing Communications**

Description: The marketing communications curriculum allows students to combine basic principles of marketing and communications. Students will develop a foundation in both business analysis and journalism to prepare for careers in a variety of fields, including advertising, public relations, and broadcasting.

General Education Course Requirements: The general education requirements for the B.B.A. include Engl 101, Engl 102 or Liba 102 (3, 3); humanities (history, philosophy, or modern languages) (3, 3); English literature (3); Math 261/262 or 267/268 or 271/272 (6); lab science (astronomy, biology, chemistry, geology, or physics) (3/4, 3/4); fine arts (art, art history, dance, music, or theatre arts) (3); behavioral or social science (psychology, sociology, anthropology, or political science) (3).

Course Requirements: Requirements for the major in marketing communications include Accy 201, 202 (3, 3); Econ 202, 203 (3, 3); Bus 230, Bus 271, Bus 250, Bus 302, Mktg 351; Fin 331; Mgmt 371, Mgmt 372, Mgmt 493; MIS 309; 300-level business electives (6); and 300-level business/nonbusiness elective (3). A list of prerequisite courses requiring a minimum grade of "C" is available at [www.olemissbusiness.com](http://www.olemissbusiness.com) or in the undergraduate student services office, Holman 220.

In addition to the above core, the major in marketing communications requires Jour 102, 273, 371, and 575; Mktg 353, 367, and 565. Finally, students must complete 15 hours of a specialization in either newspaper management, broadcast management, magazine publishing, or public relations and reputation management.

Other Academic Requirements: Business students may not enroll in major course work prior to satisfactory completion (2.0 GPA) of the pre-business curriculum. No student may enroll for more than 18 semester hours unless approved by the dean.

### **Emphasis in Public Relations and Reputation Management**

Course Requirements: The specialization in public relations and reputation management for the B.B.A. in marketing communications requires the following courses (15 hours): Jour 271, 379, 391, 491, and 492.

### **Emphasis in Broadcast Management**

Course Requirements: The specialization in broadcast management for the B.B.A. in marketing communications requires the following courses (15 hours): Jour 272, 376, 386, 388, and 390.

### **Emphasis in Magazine Publishing**

Course Requirements: The specialization in magazine publishing for the B.B.A. in marketing communications requires the following courses (15 hours): Jour 271, 379, 390, 401, and 501.

### **Emphasis in Newspaper Management**

Course Requirements: The specialization in newspaper management for the B.B.A. in marketing communications requires the following courses (15 hours): Jour 271, 379, 381, 383, and 390.



## **B.B.A. in Real Estate**

Description: Curricula of the School of Business Administration are designed both for those who plan to operate their own businesses and for those who plan to occupy responsible positions in business organizations. The real estate curriculum includes instruction in principles, finance, appraisal, law, land use controls, and investment analysis. The major is intended to assist students interested in real estate careers, including brokerage, lending, corporate positions, and government agencies. Students are prepared for examinations for state real estate broker and salesperson licenses.

General Education Course Requirements: The general education requirements for the B.B.A. include Engl 101, Engl 102 or Liba 102 (3, 3); humanities (history, philosophy, or modern languages) (3, 3); English literature (3); Math 261/262 or 267/268 or 271/272 (6); lab science (astronomy, biology, chemistry, geology, or physics) (3/4, 3/4); fine arts (art, art history, dance, music, or theatre arts) (3); behavioral or social science (psychology, sociology, anthropology, or political science) (3).

Course Requirements: Requirements for the major in real estate include the B.B.A. core: Accy 201, 202 (3, 3); Econ 202, 203 (3, 3); Bus 230, Bus 271, Bus 250, Bus 302; nonbusiness electives (12); Mktg 351; Fin 331; Mgmt 371, Mgmt 372, Mgmt 493; MIS 309; 300-level business elective (6); and 300-level business/nonbusiness elective (3). A list of prerequisite courses requiring a minimum grade of "C" is available at [www.olemissbusiness.com](http://www.olemissbusiness.com) or in the undergraduate student services office, Holman 220.

In addition to the B.B.A. core, the real estate major requires 24 semester hours of finance courses: Fin 351, 353, 355, 553, 555 and 534 or 581, plus 3 semester hours of courses selected from the following: Fin 303, 333, 334, 338, 341, and 451.

Other Academic Requirements: Business students may not enroll in major course work prior to satisfactory completion (2.0 GPA) of the pre-business curriculum. No student may enroll for more than 18 semester hours unless approved by the dean.

## **B.B.A. in Risk Management and Insurance**

Description: Curricula of the School of Business Administration are designed both for those who plan to operate their own businesses and for those who plan to occupy responsible positions in business organizations. The risk management and insurance curriculum is designed to prepare students to enter the job market in such positions as commercial underwriters, claims adjusters, corporate risk analysts, independent agents, and sales representatives.

General Education Course Requirements: The general education requirements for the B.B.A. include Engl 101, Engl 102 or Liba 102 (3, 3); humanities (history, philosophy, or modern languages) (3, 3); English literature (3); Math 261/262 or 267/268 or 271/272 (6); lab science (astronomy, biology, chemistry, geology, or physics) (3/4, 3/4); fine arts (art, art history, dance, music, or theatre arts) (3); behavioral or social science (psychology, sociology, anthropology, or political science) (3).

Course Requirements: Requirements for the major in risk management and insurance include the B.B.A. core: Accy 201, 202 (3, 3); Econ 202, 203 (3, 3); Bus 230, Bus 271, Bus 250, Bus 302; nonbusiness electives (12); Mktg 351; Fin 331; Mgmt 371, Mgmt 372, Mgmt 493; MIS 309; 300-level business elective (6); and 300-level business/non-business elective (3). A list of prerequisite courses requiring a minimum grade of "C"

is available at [www.olemissbusiness.com](http://www.olemissbusiness.com) or in undergraduate student services, Holman 220.

The risk management and insurance major consists of 24 semester hours. Required courses are Fin 341, 342, 441, 442, and 542. In addition, students must select 9 semester hours from Fin 303, 334, 351, 431, 581, 445 (3 or 6 hours), or 534.

After the introductory risk and insurance course, students take courses addressing the management of potential losses of property, legal suits, life, and health. The loss of property and legal suits by businesses is emphasized throughout, and the corporate risk management course ties together all elements of managing exposures. Emphasis is placed on the summer internship courses specifically designed for risk management and insurance majors.

Other Academic Requirements: Business students may not enroll in major course work prior to satisfactory completion (2.0 GPA) of the pre-business curriculum. No student may enroll for more than 18 semester hours unless approved by the dean.

### **Minor in Business Administration**

Description: Students pursuing a B.A. degree in the College of Liberal Arts may choose to minor in business administration.

Course Requirements: A minor in business administration consists of Accountancy 201, 202; Economics 202, 203; Marketing 351; and Management 371.

# School of Education

**Tom Burnham, dean**

222 Guyton Hall

[http://www.olemiss.edu/depts/educ\\_school2/](http://www.olemiss.edu/depts/educ_school2/)

## OVERVIEW

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The vision of the School of Education at UM is to prepare reflective professional educators, create and disseminate new knowledge, and provide service to the state and nation to meet the educational challenges of the 21st century.

## HISTORY/MISSION/PURPOSE

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Established in 1903, the School of Education is responsible for the preparation of professional educators supporting the mission of the institution to enhance the educational, economic, health-care, social, and cultural foundations of the state, region, and nation. The School of Education's mission is to provide exemplary instruction, relevant research, and effective service through collaboration with schools, businesses, community organizations, and the public at large. Specifically, the unit's goal is to prepare reflective professionals who positively and effectively interact with persons diverse in race, culture, gender, age, ability, and/or developmental level. With a legacy of excellent teaching, meaningful service, and creative research, the SOE makes a significant contribution to the university's mission: "To continue to provide the initial and continuing professional education of those who teach and serve as administrators and counselors in K-12 schools, as well as in institutions of higher education."

## DEGREES OFFERED

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The Department of Curriculum and Instruction in the School of Education offers the Bachelor of Arts in Education (B.A.E.) undergraduate degree, as well as graduate degrees with emphases in elementary, secondary, and special education. The Department of Leadership and Counselor Education offers graduate degrees in educational leadership, counselor education, and higher education.

## ADMISSION POLICIES

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The Teacher Education Program in the School of Education is composed of three phases. The first phase is the "Core Curriculum." Candidates complete the core curriculum during the freshman and sophomore years. The second phase is the "Professional Education Core." Candidates usually enter this phase at the end of the spring semester of the sophomore year or at the end of the fall semester of the junior year. Before going forward into any of the professional education courses beyond Edc 352, candidates must be admitted to Phase II. The third phase is "Student Teaching."

Candidates can enter **Phase I: Core Curriculum** as an incoming freshman or by transferring with a minimum 2.5 GPA. Criteria for admission into phases II and III are described below.

Note: Admission standards and the programs' curricula are subject to change due to mandates from accreditation agencies and the Mississippi Department of Education. Therefore, it is important for all students to meet with School of Education advisers in the dean's office for the most recent information on teacher education programs.

**Admission to Phase II: Professional Education Core** • Requirements for admission to teacher education are as follows:

1. Completion of 45 semester hours in the general core courses. Students are responsible for submitting grades to the Office of the Dean for courses taken at other institutions.

*\*Music education majors must complete the 45 hours from the liberal arts general education core and Mus 301, 302, 305, and 311.*

2. Applicants who apply for admission to Phase II must have a 2.75 grade-point average. Those who meet the test requirement (see below) and have *at least a 2.50 but less than the 2.75* on the core may appeal to the Admissions Committee by submitting a portfolio that should include an essay and examples of successful experiences working with children. An interview before the Admissions Committee is required for applicants who appeal.
3. Appropriate scores on the Praxis 1: Pre-Professional Skills Tests (PPST) or SAT or ACT scores (see below).
  - PPST Scores Required: Reading—170  
Writing—172  
Math—169
  - Students who provide proof of an **SAT** composite score of at least 860 or an **ACT** score of at least 21 with *no subtest score below 18* may be admitted to the Teacher Education Program without PPST scores. ACT or SAT scores must be from tests taken prior to admission to a college or university.
4. A formal application for admission to teacher education must be filed in the Office of the Dean by the deadline date announced.
5. Approval by the Teacher Education Committee.

**Note: A minimum grade of "C" is expected in all professional education courses. If this minimum of "C" is not met, the course(s) must be retaken before enrolling in the next level of professional education courses.**

**Admission to Phase III: Student Teaching**—Applications are available on the Department of Curriculum and Instruction Web site [http://www.olemiss.edu/depts/educ\\_school2/docs.html](http://www.olemiss.edu/depts/educ_school2/docs.html). Student teaching applications are due the semester prior to student teaching.

To be admitted to student teaching, a student must meet the following requirements:

1. Admission to the Teacher Education Program.
2. A minimum grade of "C" in all professional education courses, with the exception of those required during student teaching. **If this minimum of "C" is not met, the course(s) must be retaken before enrolling in the next level of professional education courses.**
3. Completion of all but **two** courses in the teaching field with a minimum grade of "C" (not including electives).
4. Completion of 15 hours in residency at The University of Mississippi (includes Tupelo and DeSoto campuses).

5. Completion of courses taken by correspondence for admission to student teaching. The grade must be on file prior to admission.
6. Completion of required background check administered prior to any field experience.
7. Evidence of professional liability insurance obtained.

## **SCHOOL SPECIFIC ACADEMIC REGULATIONS OR PRACTICES**

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### **Program Completion Requirements**

All students must successfully complete program degree requirements approved by the Mississippi Institutions of Higher Learning. Applicants for degrees in education must have earned at least 30 semester hours of credit in courses taken from the School of Education at The University of Mississippi.

### **Advising**

Advisory services are provided during priority registration as well as regular registration through the dean's office. An advising team provides academic, career, and professional information to assist students in planning a program of study in their chosen degree areas. Students are assisted in identifying and registering for appropriate courses to meet their degree program requirements. Individual student records are maintained in the dean's office and in the Department of Curriculum and Instruction office. **While each student is encouraged to meet regularly with the advising team, it is ultimately the student's responsibility for meeting all degree requirements.**

## **ACCREDITATION**

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The university's teacher education program is accredited by the Mississippi Department of Education (MDE) and the National Council for Accreditation of Teacher Education (NCATE) for the preparation of elementary, special education, and secondary teachers, and school service personnel, with the doctoral degree as the highest degree approved. The School of Education also holds membership in the American Association of Colleges for Teacher Education (AACTE).

## **RESEARCH AND SERVICE CENTERS**

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Center for Educational Research and Evaluation  
<http://www.olemiss.edu/cere/Home.html>

North Mississippi Education Consortium  
<http://www.nmec.net/>

## **OTHER INFORMATION**

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**Certification** • Graduates from the teacher preparation program of the school meet all degree and course requirements for teaching licensure in Mississippi. Additionally, passing scores on the Praxis I, Praxis II: Principles of Learning and Teaching, and Praxis II: Specialty Area Test are required. Students interested in applying for licensure in other states are encouraged to (a) meet Mississippi standards and apply for reciprocity in another state and/or (b) research the specific state guidelines and follow accordingly

while also meeting education degree requirements. Students are responsible for filing their licensure applications, including all required materials, directly to the state licensure office in which they are applying.

**Field Experience/Clinical Practice** • Education students participate in a progression of field experiences and clinical practice throughout the program designed to provide a varied and diverse scope of experience. Each teacher education student is required to earn a minimum of 9 semester hours in supervised student teaching.

## **BACHELOR OF ARTS IN EDUCATION**

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### **CURRICULUM AND INSTRUCTION**

Associate Professor Kim Hartman, chair • 316 Guyton Hall

Overview: The Department of Curriculum and Instruction offers the Bachelor of Arts in Education (B.A.E.) degree in the areas of elementary education, secondary education (English, mathematics, science, and social studies), and special education.

At the graduate level, the department offers the Master of Education (M.Ed.) in curriculum and instruction and in secondary education, the Master of Arts (M.A.) in curriculum and instruction (Teacher Corps option), the Education Specialist (Ed.S.) degree in curriculum and instruction, the Doctor of Education (Ed.D.) in elementary education, and the Doctor of Philosophy (Ph.D.) in secondary education.

Certification: Graduates from the teacher preparation program of the school meet all requirements for teaching certificates in Mississippi and in most of the other states. For students interested in teaching certificates in states other than Mississippi, adjustments in the required program may be made.

#### **Preliminary Requirements**

General Requirements • All students are admitted to the School of Education under the guidelines set by the university. Students transferring from another institution or from a different major at The University of Mississippi must have a minimum overall GPA of 2.5.

Note: Admission standards and the programs' curricula are subject to change due to mandates from accreditation agencies and the Mississippi Department of Education. Therefore, it is important for all students to meet with School of Education advisers in the dean's office for the most recent information on teacher education programs.

Admission to Phase II: Professional Education Core and Phase III: Student Teaching • Students who wish to enter Phase II of a teacher education degree program must submit a formal application for admission to teacher education to the Office of the Dean of the School of Education. The requirements for admission to teacher education are given in the School of Education section of the catalog. These requirements include completion of 45 hours of general core courses, a minimum GPA, an acceptable test score, and approval by the Teacher Education Committee. Similarly, the requirements and procedure for admission to student teaching are given in the School of Education section of the catalog.

Additional Information: All professional education courses (with the exception of Edrd 355 and Edci 352) require admission to Phase II.

## **Bachelor of Arts in Education (B.A.E.)**

General Education Course Requirements: The core/general education requirements for the B.A.E. degree are as follows: 6 hours of English composition (Engl 101, Engl 102 or Liba 102); 6 hours of American or English literature; Math 121 or higher; a 3-4 hour biological science course with laboratory; a 3-4 hour physics, astronomy, or physical science II course with laboratory; a 3-4 hour course in geology, chemistry, or physical science I; one additional 3-hour course in mathematics or science; a 3-hour course in fine arts (appreciation or history of); one additional 3-hour course in fine arts; 6 hours of history; 3 hours of humanities (from among classics, modern languages, philosophy, religion, literature, history, Southern studies, gender studies, linguistics, or African American studies); Psy 201.

### **Other Academic Requirements**

Admission to Phase II: Professional Education Core

Students who wish to enter a teacher education degree program must submit a formal application for admission to Phase II to the Office of the Dean of the School of Education. Requirements for admission to teacher education are as follows:

1. Completion of 45 semester hours. Students are responsible for submitting grades to the Office of the Dean for courses taken at other institutions.
2. A grade-point average of 2.75 or above on the 45 semester hours described above. Those who meet the test requirement (see below) and have at least a 2.50 but less than the 2.75 on the core may appeal to the Admissions Committee by submitting a portfolio that should include an essay and examples of successful experiences working with children. Information regarding the details for appeal is available for qualifying students.
3. Appropriate scores on the Praxis I: Pre-Professional Skills Tests (PPST) or SAT or ACT scores (see below):
  - PPST scores required: Reading–170; Writing–172; Math–169.
  - Students who provide proof of a SAT composite score of at least 860 or an ACT score of at least 21 with no subtest score below 18 may be admitted to the teacher education program without PPST scores. ACT or SAT scores must be from tests taken prior to admission to a college or university.
4. A formal application for admission to Phase II must be filed in the Office of the Dean by the deadline date announced.
5. Approval by the Teacher Education Committee. Criteria for acceptance include requirements 1-4.

### **Admission to Phase III: Student Teaching**

Applications are available on the advising link of the School of Education's Web site [http://www.olemiss.edu/depts/educ\\_school2](http://www.olemiss.edu/depts/educ_school2). Fall student teaching (music only) applications are due the spring semester prior to fall student teaching.

To be admitted to student teaching, a student must meet the following requirements:

1. Admission to Phase II: Professional Education Core.
2. A minimum grade of C in professional education courses. If this minimum of C is not met, the course(s) must be retaken before enrolling in the next level of professional education courses.

3. Completion of all but two courses in the teaching field (not including electives) with a minimum grade of C. Candidates missing more than the maximum of two courses with the minimum grade of C can submit a letter of appeal to the director of field experiences. A committee will convene to consider the appeal.
4. Completion of 15 hours in residency at The University of Mississippi (includes Tupelo and DeSoto campus centers).
5. Completion of courses taken by correspondence for admission to student teaching.
6. Evidence of professional liability insurance.
7. Completion of required background check administered prior to any field experience.

### **B.A.E. in Elementary Education**

Description: The B.A.E. with a major in elementary education prepares graduates to be eligible for certification in Mississippi to teach in grades K-6. Graduates may also teach grades 7-12 with supplemental endorsements in subject areas. (See an adviser for more information.)

Course Requirements: Requirements for the B.A.E. with a major in elementary education include Math 245, 246 (6 hours); Engl 250 (3 hours); Ared 361 (3 hours); Mus 329 (3 hours); Geog 101 (3 hours); HP 191 (3 hours); Spch 102 (3 hours); Edrd 355 (6 hours); Edsp 308 (3 hours); professional education common core courses Edci 352, 353, Edrd 400 (11 hours); professional education elementary education courses Edel 401, 402, 403, 404, Edrd 414, Edle 417, 464, and Edci 419 (27 hours, including 9 hours of Edle 464); elective and/or areas of concentration hours to reach the 124-hours requirement. Elementary education majors should select two areas of concentration from among computers (21 hours), English (18 hours), fine arts (18 hours), modern or ancient languages (18 hours in one language), mathematics (18 hours), science (18 hours), social studies (18 hours), and special education (21 hours).

Note: A minimum grade of C is required in all professional education courses. If this minimum of C is not met, the course(s) must be retaken before enrolling in the next level of professional education courses.

### **B.A.E. in English Education**

Description: The B.A.E. degree with a major in English education prepares graduates to be eligible for certification in Mississippi to teach English in grades 7-12. Graduates may also teach other subjects by gaining supplemental endorsements. (See an adviser for more information).

Course Requirements: The requirements for the B.A.E. with a major in English education are as follows:

Content Area Courses (36 hours)

Literature survey, 6 hours from Engl 221, 222, 223, 224, 225, and 226

Junior seminar, 6 hours from Engl 390, 391, 392, 396, and 397

Shakespeare, 3 hours from Engl 385, 408, or 439

Grammar, 3 hours from Engl 401 or 501

Linguistics, 3 hours from Engl 313 or 502

History of English Language, 3 hours from Engl 503, 504, 505

Engl 320, 3 hours

Engl 398, 3 hours

Engl 353, 3 hours



English electives, 3 hours selected from among Engl 322, 351 360, 368, 410, 412, 414, 425, or 494

Related Area (3 hours)

Edse 525

Other Electives (9 hours)

Courses in modern languages, journalism, or theatre arts are strongly recommended.

Professional Education Courses (33 hours)

Edsp 308, Edci 352, Edci 353\*, Edse 400\*, Edse 442\*, Edle 482\*, and Edci 419\*

(\*Admission to Phase II of the Teacher Education Program is required before taking these courses.)

### **B.A.E. in Mathematics Education**

Description: The B.A.E. degree with a major in mathematics education prepares graduates to be eligible for certification in Mississippi to teach mathematics in grades 7-12. Graduates may also teach other subjects by gaining supplemental endorsements. (See an adviser for more information.)

Course Requirements: The requirements for the B.A.E. with a major in mathematics education are as follows:

Content Area Courses (36 hours)

Math 261, 262, 263, 264, 301, 305, 319, 375, 390, 425, 533, and 540

Related Areas (6 hours)

Csci 111

Edci 557

Other Electives (6 hours)

Professional Education Courses (29 hours)

Edsp 308, Edci 352, Edci 353\*, Edse 400\*, Edse 445\*, Edle 485\*, and

Edci 419\*

(\*Admission to Phase II of the Teacher Education Program is required before taking these courses.)

### **B.A.E. in Science Education**

Description: The B.A.E. degree with a major in science education can be completed with an emphasis in biology, chemistry, or physics. The degree prepares graduates to be eligible for certification in Mississippi to teach one of these science subjects in grades 7-12. Graduates may also teach other subjects by gaining supplemental endorsements. (See an adviser for more information.)

Course Requirements: The requirements for the B.A.E. in science education are the professional education courses (29 hours), shown below, plus the content courses and related area courses to satisfy an emphasis in biological science, chemistry, or physics.

Professional Education Courses (29 hours)

Edsp 308, Edci 352, Edci 353\*, Edse 400\*, Edse 446\*, Edle 486\*, and

Edci 419\*

(\*Admission to Phase II of the Teacher Education Program is required before taking these courses.)

Content area, related area, and elective courses to satisfy one of the three emphases

### **B.A.E. in Science Education, Emphasis in Biology**

Description: Graduates in science education with an emphasis in biology are eligible for certification in Mississippi to teach in grades 7-12. Graduates may also teach other subjects by gaining supplemental endorsements. (See an adviser for more information.)

Course Requirements: The B.A.E. in science education with an emphasis in biology requires the professional education courses (32 hours) plus the following content area, related areas, and electives.

Content Area Courses (32 hours)

Bisc 160/161; 162/163; 322; one course from among 330, 516, or 545; 331, 333, 336, 440, and 498

Related Areas (18 hours)

Astr 101/Geol 101 (3 hours)

Phys 213/223 (4 hours)

Chem 105/115 and 106/116 (8 hours)

Math 123, 125, or 261 (3 hours)

### **B.A.E. in Science Education, Emphasis in Chemistry**

Description: Graduates in science education with an emphasis in chemistry are eligible for certification in Mississippi to teach in grades 7-12. Graduates may also teach other subjects by gaining supplemental endorsements. (See an adviser for more information.)

Course Requirements: The B.A.E. in science education with an emphasis in chemistry requires the professional education courses (33 hours) plus the following content area, related areas, and electives.

Content Area Courses (33 hours)

Chem 105/115; 106/116; 221/225; 222/226; 314; 331 or 334; 351; 381; and 382

Related Areas (19 hours)

Bisc 160/161 (4 hours)

Phys 213/223 (3 hours)

Phys 214/224 (3 hours)

Astr/Geol (6 hours)

Math 261 (3 hours)

### **B.A.E. in Science Education, Emphasis in Physics**

Description: Graduates in science education with an emphasis in physics are eligible for certification in Mississippi to teach in grades 7-12. Graduates may also teach other subjects by gaining supplemental endorsements. (See an adviser for more information.)

Course Requirements: The B.A.E. in science education with an emphasis in physics requires the professional education courses (33 hours) plus the following content area, related areas, and electives.

Content Area Courses (33 hours)

Phys 211/221; 212/222; 303; 317; 318; 319; 321; 413; 417; and 463

Related Areas (15 to 30 hours, depending upon the courses used to satisfy the math/science components of the general education/core)

Bisc 160/161 (4 hours)

Chem 105/115 (4 hours)

Chem 106/116 (4 hours)

Astr/Geol (6 hours)

Math 123, 261, 262, and 263 (0-12 hours)

## **B.A.E. in Social Studies Education**

Description: The B.A.E. degree with a major in social studies education prepares graduates to be eligible for certification in Mississippi to teach social studies subjects in grades 7-12. Graduates may also teach other subjects by gaining supplemental endorsements. (See an adviser for more information.)

Course Requirements: The requirements for the B.A.E. with a major in social studies education are as follows:

Content Area Courses (33 hours)

His 101, 102, 105, 106, 330 (15 hours)

African or African American history 300 level or above (3 hours)

European history 300 level or above (3 hours)

History research seminar, His 400, 450, or 490 (3 hours)

Latin American history, His 334, 345, 346, 347, or 388 (3 hours)

Asian history, His 394, 395, 396, or 397 (3 hours)

History elective, 300 level or above (3 hours)

Related areas (18 hours)

Pol 101 (3 hours)

Econ 202 and 203 (6 hours)

Geog 101 (3 hours)

Soc 101 (3 hours)

Pol 102 or 316 (3 hours)

Professional Education Courses (29 hours)

Edsp 308, Edci 352, Edci 353\*, Edse 400\*, Edse 447\*, Edle 487\*, and

Edci 419\*

(\*Admission to Phase II of the Teacher Education Program is required before taking these courses.)

## **B.A.E. in Special Education**

Description: The B.A.E. degree with a major in special education prepares graduates to be eligible for certification in Mississippi to teach special education in grades K-12, mild/moderate and severe/profound. Graduates may also teach other subjects by gaining supplemental endorsements. (See an adviser for more information.)

Course Requirements: Requirements for the B.A.E. with a major in special education include Math 245, 246 (6 hours); CSD 201 (3 hours); Psy 301 or Psy 311 (3 hours); SW 315 or SW 402(3 hours); Spch 102 (3 hours); health science or nutrition (3 hours); Geog 101 (3 hours); Edrd 355 (6 hours); Edsp 308, 327, 329, and 335 (12 hours); professional education common core courses, Edci 352, 353 (8 hours); professional education-special education courses, Edsp 402, 403, 405, Edci 419, Edle 467, (21 hours, including 9 hours of Edle 467); elective hours to reach the 124 hours requirement.

Note: A minimum grade of C is required in all professional education courses. If this minimum of C is not met, the course(s) must be retaken before enrolling in the next level of professional education courses.

# School of Engineering

## **Kai-Fong Lee, dean**

James G. Vaughan, associate dean

101 Carrier Hall

[http://www.olemiss.edu/depts/engineering\\_school/](http://www.olemiss.edu/depts/engineering_school/)

## **OVERVIEW**

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The School of Engineering offers Bachelor of Science (B.S.) degree programs in chemical, civil, computer science, electrical, geological, and mechanical engineering, as well as a Bachelor of Engineering (B.E.) degree.

## **HISTORY/MISSION/PURPOSE**

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**History** • Founded in 1900, the School of Engineering is the third oldest school of the university and is the oldest engineering school in the state. Instruction in engineering dates from 1854 when a Department of Engineering was established by the Board of Trustees to complement a strong program in the natural sciences.

**Mission Statement** • The School of Engineering at The University of Mississippi strives continuously to improve the quality of teaching, research, and service. In so doing, the school

1. Prepares students with a broad-based education for entering the engineering profession, for advanced studies, and for careers in research;
2. Develops in students leadership skills, communication and creative thinking skills, global perspective, and commitment to lifelong learning; and
3. Provides practicing professionals with continuing education opportunities.

The school capitalizes on its engineering science tradition, its low student-to-faculty ratio, and the liberal arts environment of The University of Mississippi to give our graduates the abilities to adapt to the rapid changes in engineering and to give our graduates the interdisciplinary background and capacity for innovation that sets them apart from the graduates of larger engineering schools.

### **Statement of Goals** •

1. To provide an environment conducive to learning, teaching, and research. This includes diverse and multicultural first-rate faculty, staff, and students and state-of-the-art facilities.
2. To provide a top-quality ABET-accredited undergraduate program suitable for the 21st century.
3. To foster a vibrant graduate program and to perform quality research in line with national trends and achieve national recognition in selected areas.
4. To establish strong partnerships and lasting relationships with industry, government, professional societies, alumni, and academia.
5. To make significant contribution to the technological and economic development of the state of Mississippi and the region through education, research, and service.
6. To increase the visibility of the School of Engineering locally and nationally.

## **DEGREES OFFERED**

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**Programs and Degrees** • The programs of study offered by the School of Engineering stress the engineering sciences and are based on the fundamental concepts of natural science and mathematics. These programs serve the state and the nation in five basic engineering fields: chemical, civil, electrical, geological, and mechanical, as well as computer science.

The four-year Bachelor of Science curricula in chemical, civil, electrical, geological, and mechanical engineering are designed to prepare students for the practice of the profession of engineering.

The four-year Bachelor of Engineering curricula are extremely broad and are designed to provide students the opportunity to gain an understanding of engineering, scientific, and technical knowledge that will enhance their career objectives in such areas as, for example, engineering science, medicine, law, military, management, and sales. The curricula are individually designed to meet each student's needs but in general provide two paths of study: (1) a pre-professional path that stresses technology as well as breadth of education, and (2) a terminal path that provides a broad education with emphasis on science and technology.

The School of Engineering offers through its graduate program the Master of Science and Doctor of Philosophy degrees in engineering science.

## **ADMISSION POLICIES**

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### **A. Admission**

#### **1. General Criteria and Procedures for Admitting Students**

Students must qualify for general admission to the university.

- a. **Admission of Freshmen** • There are no special admission requirements for the School of Engineering beyond the university's general admission requirements. However, it is highly recommended that students entering the School of Engineering as freshmen have the four high school units required by the university in mathematics to include the following: Algebra I, geometry, Algebra II, and trigonometry and that the student have four units in natural science selected from biology, chemistry, and physics, with at least one unit laboratory-based.
- b. **Admission of Transfer Students** • An overall "C" average in course work taken at other approved colleges is required for transfer into the School of Engineering. In unusual cases, the rule may be waived with the approval of the appropriate department chair and the dean.
- c. **Admission of International Students** • International undergraduate applicants must have received a high school diploma with a "C" average or better and have completed a minimum of 12 years of primary and secondary education. Those prospective students whose native language is other than English must submit evidence of ability in English by a minimum TOEFL score of 550 (paper) or 80 (Internet-based). Those students transferring from other colleges and universities must have an overall B average or better on all courses taken.

#### **2. Policy of the Institution in Admitting Students with Conditions**

- a. Freshman applicants deficient in the above secondary school requirements may be admitted with the provision that these deficiencies be removed during the first year of enrollment. It should be noted that such deficiencies may necessi-

tate additional time required for a candidate to obtain a degree in engineering. Students who fail to meet the requirements shown above will not be admitted to the School of Engineering except through approval of a petition, directed to the dean of the School of Engineering, to be reviewed by an Engineering Admissions Committee. Such a petition should be based on evidence of superior promise, especially in the areas of mathematics and the physical sciences.

- b. Transfer students who do not meet the minimum overall 2.0 GPA requirement may petition and be admitted to the university and the School of Engineering on probation. The demonstrated performance and capabilities in mathematics, natural sciences, and engineering subject matter will be determining factors in the approval of their petition. To remove the probation status and be admitted in good standing, they must enroll in and complete at least 12 semester hours of course work with a 2.0 GPA during their first semester at the university.
- c. International students who fail to achieve a TOEFL score of 550 (paper) or 80 (Internet-based) may apply for admission to The University of Mississippi Intensive English Program. This program is designed for students at the intermediate and advanced levels of English proficiency and not for beginners. Applicants may be admitted to the Intensive English Program in one of the following categories:
  - (1) Admission to an academic program with the provision that the intensive English course first be successfully completed with acceptable TOEFL results.
  - (2) Admission to the Intensive English Program (IEP) with a review of admission to the academic program after successful completion of English courses. Successful completion of IEP does not guarantee admission to The University of Mississippi.

### **3. Policy of Engineering School Regarding Admission to Advanced Placement**

- a. Advanced placement for freshmen and 3 semester hours of credit are awarded in American history, art, biology, calculus, chemistry, classics, computer science, English (literature/composition), European history, French, German, mathematics, music, political science, physics, and Spanish to students who participate in the College Entrance Examination Board (CEEB) Advanced Placement Program offered through their high schools, and who earn scores of three or higher on the final examinations.
- b. International undergraduates who have completed three or more GCE "A" levels in academic subjects or 15 or more hours of university-level academic courses with a "B" average may be awarded transfer credit and will not be required to take the ACT or SAT.
- c. The assistant dean of engineering and the respective engineering department chairs working in consultation are responsible for the evaluation and acceptance of course credit earned at either this institution or elsewhere by students transferring into programs in the School of Engineering. Information relative to course content is obtained from catalog descriptions, curriculum, and course syllabi, and personal interviews with transferring students. The director of international programs is consulted as to the quality and content of international programs in which students have participated. Particular scrutiny is given to the quality and content of engineering courses that students present for possible transfer.

### **4. Special Admission Requirements for Entry into the Upper Division**

There are no special admission requirements for entry into the "upper division." A formal upper-division distinction for engineering programs is not made. Entry into individual engineering courses (lower- or upper-level) is based on satisfactory com-

pletion of prerequisite mathematics, physical science, and other foundation courses.

#### **5. Policies Regarding Admission of Transfer Students to the Engineering Program**

- a. An overall "C" average in course work taken at other approved colleges and universities is required for transfer into the School of Engineering. In unusual cases, the rule may be waived with the approval of the appropriate department chair and dean of engineering.
- b. International students transferring from other colleges and universities must have an overall "C" average or better in all courses taken.
- c. Credits of students transferring from approved U.S. colleges are accepted at their original values for credit toward a degree in engineering, subject to the condition that the last grade received in each subject is "C" or better. The Office of Admissions and the Office of the Registrar provide each transfer student with an evaluation of the credits acceptable to the university. The dean of the School of Engineering informs the student the extent to which such credits apply toward the degree sought. Acceptance of junior college work is limited to one-half the total requirements for graduation in a given four-year curriculum. Course work completed at international schools, colleges, and universities is carefully evaluated as to its quality and content for equivalency to University of Mississippi courses. Credit is given and recorded on the student's academic record for such equivalent university courses with a grade of "Z."
- d. The School of Engineering works very closely with community/junior colleges in the state to ensure that articulation problems are eliminated so that students may transfer with a maximum of credit and that content of required courses taken is equivalent to University of Mississippi courses.
- e. The School of Engineering currently has a Three-Two Transfer Program in effect with Tougaloo College.

### **SCHOOL SPECIFIC ACADEMIC REGULATIONS OR PRACTICES**

#### **Program Completion Requirements**

**Application for Degree** • Early in the final semester prior to completing degree requirements for a particular degree, each student is required to make formal application for that degree. He/she contacts the Office of the Dean of Engineering and is given instructions and the necessary forms for degree application. The Application for Degree form is carefully checked by the staff of the Office of the Dean for completeness and accuracy. It is then forwarded to the appropriate department chair for checking and approval as to whether or not it meets the requirements for the particular degree for which the student is making application. When courses for the final semester are completed and grades are submitted, the assistant to the dean of engineering conducts the final check and computations to assure that the student has met all graduation requirements. The dean's office then certifies that each student has met all requirements and submits an official list to the Office of the Registrar for the granting of the diploma.

#### **General Education/Core Curriculum**

The general education requirements of the undergraduate degree programs of the School of Engineering are consistent with The University of Mississippi's tradition of educating engineering leaders through the school's strong interaction with the univer-

sity's liberal arts programs. Further, these requirements are established to fulfill the school's published mission of preparing "students with a broad-based education" intended to develop "leadership skills" and "communication skills."

The core/general education requirements for the School of Engineering include Engl 101, Liba 102 (or Engl 102); Math 261-262; and a minimum of 8 credit hours of laboratory science courses as specified by each department.

In addition, 18 credit hours as described below must be taken, but students should check with the department to learn the specific course requirements for an individual program in that they may be more prescriptive than the general requirements listed below.

Fifteen credits of liberal arts

Students must complete at least 15 semester hours consisting of social/behavioral sciences, humanities, and fine arts course work. At least 6 credit hours must be in the social/behavioral sciences, and at least 9 credit hours must be in combined humanities and fine arts courses with at least 3 semester hours from each of these areas. For the purpose of these requirements, social/behavioral sciences will include anthropology, economics, Latin American studies, political science, psychology, and sociology; humanities will include classics, English, history, modern languages (200 level and above), philosophy, religion, and Southern studies; and fine arts will include courses in the history, appreciation, and criticism of art, dance, music, and theatre arts. (Courses emphasizing the enhancement of skills and performance are not acceptable.) Honors, African American studies, and gender studies courses may be used to meet these requirements as appropriate, depending upon their topical content.

Three credits of additional general education course work

Students must complete an additional 3 semester hours of course work beyond the 15 hours required above. These additional 3 hours are to be composed of any additional fine arts, humanities, or social/behavioral science course work (as defined above) or, dependent on the approval of the student's department, any combination of credits from the courses listed below:

<b>Course</b>	<b>Course Title</b>	<b>Credits</b>
AS 301	Air Force Leadership Studies I	3
AS 302	Air Force Leadership Studies II	3
Bus 250	Legal Environment of Business	3
Bus 271	Business Communication	3
Edld 110	Chancellor's Leadership Class I	1
Edld 111	Chancellor's Leadership Class II	1
Edld 120	Introduction to Leadership Studies	3
Edld 220	Foundations of Leadership Studies	3
Engr 400	Leadership and Professionalism in Engineering	1
Mgmt 371	Principles of Management	3
Msl 102	Military Science I: Basic Leadership & Management	2
Nsc 211	Naval Leadership and Management I	2
Spch 102	Fundamentals of Public Speaking	3
Spch 105	Business/Professional Speech	3



## SCHOOL SPECIFIC AND SCHOOLWIDE DEGREE REQUIREMENTS

### BACHELOR OF SCIENCE

**Basic Degree Requirements** • All of the curricula of the School of Engineering leading to a Bachelor of Science or Bachelor of Engineering degree are four-year curricula. The curricula requirements for the degrees of Bachelor of Science in Chemical Engineering, Bachelor of Science in Civil Engineering, Bachelor of Science in Computer Science, Bachelor of Science in Electrical Engineering, Bachelor of Science in Geological Engineering, Bachelor of Science in Mechanical Engineering, and Bachelor of Engineering are listed in their respective sections below. By proper selection of electives, a student also can emphasize certain other optional fields.

**Technical Electives** • In some programs, students are allowed to choose a coherent group of courses from appropriate areas to permit the student to pursue particular topics in more depth than provided by required courses or to complement the student's major area of study. Selection of these courses should be made in consultation with and approved by the student's department chair/adviser.

**Minors** • An engineering student pursuing any of the six professional degree programs within the School of Engineering may choose to declare a minor at the time of graduation. A minor field may be any discipline that offers a minor at The University of Mississippi with the exception of mathematics, chemistry for chemical engineering students, geology for geological engineering students, and computer science for electrical engineering students pursuing the computer engineering option. The required courses and number of hours for each minor field can be found in the university undergraduate catalog. However, no course required by the engineering degree and cited specially by course number and title as a requirement for that degree may be used toward fulfillment of the minor requirements. No minor is available for students pursuing the Bachelor of Engineering degree.

**Basic Curriculum** • The curriculum given below is recommended for all freshmen engineering students who have not decided upon a major field of study. The first-year course requirements in the various major degree areas differ from this curriculum only in minor aspects and subsequent schedules may be modified to include any courses missed. Students without sufficient preparation, as shown by results of previous work and aptitude tests, to enter the unified calculus and general chemistry courses will be assigned alternatives such as Mathematics 125 (college algebra/trigonometry) and Chemistry 101 by their advisers.

#### FIRST YEAR: 33 SEMESTER HOURS

Courses	Semester Hours	
	1st	2nd
English 101, 102–English Composition	3	3
Mathematics 261, 262–Unified Calculus and Analytic Geometry	3	3
Chemistry 105, 106, 115, 116–General Chemistry, Laboratory	4	4
Computer Science 251–Programming for Engineering and Sciences		3
Socio-humanistic/fine arts electives	3	6

## ADVISING

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**Adviser** • Each entering freshman and transfer student is assigned to a member of the School of Engineering faculty who acts as the student's adviser. Students who express a preference for one of the engineering departments as a major field are given an adviser from this department. Those who have not yet reached a decision as to a major are assigned an adviser by the Office of the Dean of Engineering. Each student is scheduled for regular conferences with the adviser. In addition, students are encouraged to confer with their advisers or other faculty members as the need arises at times other than the regularly scheduled conferences. A curriculum check-off sheet is kept by the department in which the student is majoring to assure that students are completing the appropriate required courses in the proper prerequisite order to meet graduation requirements that have been previously specified to meet ABET, the Institutions of Higher Learning (IHL), university, and other criteria.

## SELECTING AND CHANGING A MAJOR

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Students can choose a major in any of the six degree programs in the first semester. Freshmen can also enroll in the curriculum shown above if they have not decided upon a major. A student in good standing can change major at any time, but it is recommended that this be done no later than the sophomore year.

## HONOR CODE POLICY

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**Honor System** • The purpose of the School of Engineering honor system is to inculcate in each student the highest standard of personal integrity and professional responsibility. The honor system makes student honesty both in and out of the classroom the responsibility of the student body. Each year an Honor Council is approved by the ESB executive council to maintain the honor system. This council indoctrinates new students, receives reports of infractions, determines innocence or guilt, and recommends disciplinary action to the dean of the School of Engineering.

### Accreditation

The Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone: 410-347-7700, has accredited the Bachelor of Science curricula in chemical, civil, electrical, geological, and mechanical engineering. The Bachelor of Science in Computer Science degree is accredited by the Computing Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone: 410-347-7700. The school and its component departments are members of the Engineering College Administrative Council and the Engineering College Research Council. The school has student chapters of the American Society of Civil Engineers, the American Institute of Chemical Engineers, the American Society of Mechanical Engineers, the Association for Computing Machinery, the Institute of Electrical and Electronics Engineers, Society of Women Engineers, Tau Beta Pi—the engineering national honorary fraternity, Chi Epsilon, the national civil engineering honor society, National Society of Black Engineers, and the Institute of Transportation Engineers.

## RESEARCH AND SERVICE CENTERS

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Mississippi Mineral Resources Institute  
<http://www.olemiss.edu/depts/mmri/>

National Center for Computational Hydroscience and Engineering  
<http://www.ncche.olemiss.edu/>

University of Mississippi Geoinformatics Center  
<http://umgc.olemiss.edu>

Center for Earthquake Preparedness  
<http://www.olemiss.edu/org/ccep>

Center for Advanced Infrastructure Technology  
<http://www.olemiss.edu/projects/cait/home>

Institute for Advanced Education in Geospatial Sciences  
<http://geoworkforce.olemiss.edu>

## OTHER INFORMATION

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**Cooperative Education Program** • Qualified students in the school may participate in the Cooperative Education Program. Co-op integrates theory and practice by blending classroom learning with practical work experience. The Engineering Dean's Office and the university's Career Center work closely together to identify co-op opportunities for interested students. The School of Engineering Web site includes a partial listing of interested corporate co-op partners.

### Graduates

*Fundamentals of Engineering examinations:*

The Department of Geological Engineering requires all students to take the Fundamentals of Engineering examination prior to the awarding of the baccalaureate degree, but they are not required to pass it. Students in all other professional engineering departments are strongly encouraged to take the examination. Categorical results from these examinations are used to assess the program curricula with regard to meeting EAC/ABET standards.

Overview: In addition to a number of specific Bachelor of Science (B.S.) in engineering science programs, the School of Engineering offers a general Bachelor of Engineering (B.E.) degree and a minor in engineering.

At the graduate level, the School of Engineering offers a Master of Science (M.S.) and a Doctor of Philosophy (Ph.D.) in the following emphasis areas: aeroacoustics, civil engineering, chemical engineering, computational hydroscience, computer science, electrical engineering, electromagnetics, environmental engineering, geology, geological engineering, hydrology, mechanical engineering, material science and engineering, and telecommunications.

Preliminary Requirements: A student wishing to enter the School of Engineering as an undergraduate must meet a set of minimum requirements. These are posted on the School of Engineering's Web page and include specific requirements for admission as a freshman, as a transfer student, and as an international student.

## CHEMICAL ENGINEERING

Professor Clint W. Williford, Jr., chair • 134 Anderson Hall

[http://www.olemiss.edu/depts/chemical\\_eng/](http://www.olemiss.edu/depts/chemical_eng/)

Overview: The Department of Chemical Engineering offers a Bachelor of Science in Chemical Engineering (B.S.Ch.E.).

At the graduate level, the department has offerings for the Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) in engineering science with an emphasis in chemical engineering. The latter graduate degrees are listed under the School of Engineering.

### **Bachelor of Science in Chemical Engineering (B.S.Ch.E.)**

Description: The B.S. in chemical engineering provides the student with a fundamental knowledge of chemical engineering science and prepares graduates for a variety of careers in industry and government, or for advanced study in engineering, business, or professional school.

Goals/Mission Statement: Graduates of the chemical engineering program can:

1. Apply basic principles of math, science, and engineering, and particularly of advanced chemistry, to identify, analyze, formulate, and solve a wide variety of engineering problems;
2. Apply the core chemical engineering content (material and energy balances; thermodynamics, transport phenomena, separations and chemical reaction engineering) to analysis, problem solving, and design;
3. Analyze and design safe and economic process systems using skills and tools appropriate at any phase, from synthesis through optimization and control to operability;
4. Design and conduct experiments, and analyze and interpret technical data using modern experimental and computational techniques and tools;
5. Communicate technical information through effective presentations, memoranda and reports;
6. Contribute to the success of multidisciplinary teams characteristic of today's workplace;
7. Understand the professional and ethical responsibility of the engineer, the safety and environmental aspects of engineering decisions, and the impact of engineering solutions in the context of societal needs and contemporary issues;
8. Continue their education and pursue new concepts through self-directed study.

General Education Course Requirements: In addition to the courses specified by the School of Engineering general education requirements, the following are required: Math 263-264 and Math 353; laboratory science to be fulfilled by Chem 105, 106, 115, 116 and Phys 211, 212, 221, 222. Students must also complete 18 hours of humanities/social sciences/fine arts to include 3 hours of fine arts, 6 hours of sequential work in the humanities, 6 hours of sequential work in the social sciences, and 3 additional hours of advanced course work in the area selected for the humanities or social sciences. Courses in the categories of humanities/social science/fine arts acceptable for these 18 hours of credit are specified under the general education requirements for the School of Engineering. Speech courses may not be used to satisfy any of these required 18 credits.

Course Requirements: Specific requirements for the B.S. in chemical engineering are as follows: Chem 221, 222, 225, 331; Csci 251; Engr 309, 310, 313, 321, 322, 362; Ch E 103, 104, 307, 308, 317, 345, 411, 417, 421, 423, 445, 446, 451, 452, 511; technical electives to include two 3-hour electives from among engineering, science, or mathematics.

Other Academic Requirements: Students in the Department of Chemical Engineering are encouraged to take the Fundamentals of Engineering examination prior to awarding of the baccalaureate degree.

## **CIVIL ENGINEERING**

Professor Alexander Cheng, chair • 203 Carrier Hall

[http://www.olemiss.edu/depts/civil\\_eng/](http://www.olemiss.edu/depts/civil_eng/)

Overview: The Department of Civil Engineering offers a Bachelor of Science in Civil Engineering (B.S.C.E.) degree. The emphasis of the program is engineering sciences and civil engineering design. The curriculum prepares the student for both professional practice and graduate study.

At the graduate level, the department has offerings for the Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) in engineering science with an emphasis in civil engineering. The latter graduate degrees are listed under the School of Engineering.

### **Bachelor of Science in Civil Engineering (B.S.C.E.)**

Description: The B.S.C.E. degree emphasizes engineering sciences and civil engineering design with four proficiency areas: structural engineering, water resources and environmental engineering, transportation and construction management, and geotechnical engineering. The curriculum prepares the student for both professional practice and graduate study.

#### Mission

1. To prepare students with a broad-based education for entering the civil and other related engineering professions, for advanced studies, and for careers in research;
2. To provide a top quality research program and graduate education in selected areas of science and engineering with its impact extending to regional, national, and global communities; and
3. To provide service to citizens, industry, and government via technological and educational innovations.

#### Goal

Our graduates will be leaders of the profession and the society.

#### Program Educational Objectives

1. Graduates will possess a solid foundation in mathematics, sciences, and technical skills to analyze, design, and oversee civil infrastructure systems.
2. Graduates will have the necessary qualifications for employment in civil engineering, related professions, and advanced studies.
3. Graduates will be effective in teamwork, interdisciplinary context, and communicating with technical and broader communities through written, oral, and visual formats.

4. Graduates will demonstrate professionalism, leadership, and ethical and societal responsibilities; and will be engaged in lifelong learning.
5. Graduates will be productive and creative, and will rate their education as effective.

General Education Course Requirements: In addition to the courses specified by the School of Engineering general education requirements, the following are required: Math 263-264 and Math 353; laboratory science to be fulfilled by Chem 105, 115 and Phys 211, 212, 221, 222. Students must also complete at least 18 semester hours of general education requirements. Three hours of the course work must be in Econ 202 or 310, 3 hours must be in speech or oral communication (Spch 102 or 105), 3 hours in humanities, 3 hours in social sciences, and 3 hours in fine arts. The remaining 3 hours can be in any of the humanities/fine arts categories. Course categories acceptable for these 18 hours of credit are specified under the general education requirements for the School of Engineering.

Course Requirements: Specific requirements for the B.S.C.E. include CSci 251, Engr 207, 309, 312, 321, 310 or 453, 323, 362, 400, 402; C E 101, 102, 207, 307, 315, 407, 411, 412, 417, 431, 433, 455, 456, 471, 472, and 481; M E 325; 3 hours of science elective; and 9 hours of technical electives (selected in consultation with the student's department chair and adviser).

Other Academic Requirements: Students in the Department of Civil Engineering are encouraged to take the Fundamentals of Engineering examination prior to awarding of the baccalaureate degree.

## **COMPUTER AND INFORMATION SCIENCE**

Professor H. Conrad Cunningham, chair • 201 Weir Hall

<http://www.cs.olemiss.edu/>

Overview: The Department of Computer and Information Science offers the Bachelor of Science in Computer Science (B.S.C.S.) degree through the School of Engineering and a major in computer science for the Bachelor of Arts (B.A.) degree through the College of Liberal Arts. It also offers a minor in computer science.

The department's faculty also supports computer science emphases for the Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) degrees in engineering science.

Accreditation: The B.S.C.S. is a professional degree program accredited by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone: 410-347-7700.

Preliminary Requirements: A student wishing to enter a degree program in the School of Engineering (e.g., the B.S.C.S. program) as an undergraduate must meet a set of minimum requirements. These are posted on the School of Engineering's Web page and include specific requirements for admission as a freshman, as a transfer student, and as an international student.

Additional Information: Csci 111 is the typical first computer science course for those studying in the B.S.C.S. program, the B.A. computer science major, the computer science minor, the computer engineering emphasis in electrical engineering, and the management information systems program in the School of Business Administration. Typical first courses for other students would include Csci 103, 191, and 251.

## **Bachelor of Science in Computer Science (B.S.C.S.)**

Description: The goal of the B.S.C.S. program is to give each student a thorough professional education in contemporary computer science while allowing sufficient flexibility for the student to pursue individual interests in related technical fields.

Goals/Mission Statement: The Department of Computer and Information Science has established the following educational objectives for the B.S.C.S. program:

1. Graduates will be capable of solving computer science problems of difficulty appropriate to their experience level.
2. Graduates will function effectively as leaders and as members of teams.
3. Graduates will engage in continuing professional development.
4. Graduates will demonstrate social responsibility.

To accomplish these objectives, the department has defined the following program outcomes for the B.S.C.S. program. That is, the program seeks to develop the following capabilities in its students:

- A. An ability to apply knowledge of computing and mathematics that are appropriate to the discipline;
- B. An ability to analyze a problem and to identify and define the computing requirements appropriate to its solution;
- C. An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet requirements;
- D. An ability to function effectively on teams to accomplish a common goal;
- E. An understanding of professional, ethical, legal, security, and social issues and responsibilities;
- F. An ability to communicate effectively with a range of audiences;
- G. An ability to analyze the local and global impact of computing on individuals, organizations, and society;
- H. Recognition of the need for, as well as an ability to engage in, continuing professional development;
- I. An ability to use current techniques, skills, and tools necessary for computing practice;
- J. An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design decisions;
- K. An ability to apply design and development principles in the construction of software systems of varying complexity.

The goals and objectives of the B.S.C.S. program are consistent with the mission statement of The University of Mississippi.

General Education Course Requirements: Candidates for the B.S.C.S. degree must successfully complete the following general education requirements:

6 hours from Engl 101 and either Liba 102 or Engl 102;

3 hours of literature chosen from Engl 221-226;

8 hours of laboratory science chosen from Chem 105, 106, 115, 116 or Phys 211, 212, 221, 222 or Bisc 160, 161, 162, 163;

6 hours from Math 261 and 262;

3 hours from Spch 102 or Spch 105;

6 hours of social/behavioral science chosen from anthropology, economics, political science, psychology, and sociology;

3 hours of humanities chosen from classics, English, history, modern languages (200 level and above), philosophy, religion, and Southern studies;

3 hours of fine arts chosen from courses in the history, appreciation, and criticism of art, dance, music, and theatre arts (courses emphasizing the enhancement of skills and performance are not acceptable.);

3 additional hours of humanities or fine arts chosen from the fields defined above;

3 additional hours of social/behavioral science, humanities, or fine arts chosen from the fields defined above.

Course Requirements: Candidates for the B.S.C.S. degree must successfully complete the following requirements in addition to the general education requirements: 12 hours from Math 301, 302, 375, and either 263 or 319; 6 additional hours of science electives chosen from the laboratory science courses listed above or from Astr 103, 104, Chem 221, 222, Geol 103, 221, 305, 309, and biology, chemistry, or physics courses at the 300 level or above; 4 hours from El E 335, 336; 31 hours from Csci 111, 112, 211, 223, 300, 311, 387, 423, 433, 450, and 487; 15 hours of computer science electives chosen from 300 level and above or other approved electives; 15 hours of approved technical electives.

### **Minor in Computer Science**

Description: The Department of Computer and Information Science offers a minor in computer science.

Course Requirements: A minor in computer science consists of 18 hours of computer science courses and must include Csci 111, 112, 211, and 223. The additional 6 hours of course work shall be taken from courses numbered 200 and above.

## **ELECTRICAL ENGINEERING**

Professor Allen W. Glisson, chair • 302 Anderson Hall

<http://www.ee.olemiss.edu/>

Overview: The Department of Electrical Engineering offers a Bachelor of Science in Electrical Engineering (B.S.E.E.). Students may choose to complete the B.S.E.E. degree through a standard path with no emphasis area or by choosing one of three offered emphasis areas: computer engineering, RF/wireless engineering, or telecommunications.

The department also offers a Master of Science (M.S.) in engineering science with emphasis areas in electrical engineering, electromagnetics, and telecommunications, and a Doctor of Philosophy (Ph.D.) in engineering science with emphasis areas in electrical engineering or electromagnetics.

### **Bachelor of Science in Electrical Engineering (B.S.E.E.)**

Description: The B.S. in electrical engineering provides broad training in the basic and engineering sciences. The curriculum provides thorough knowledge of the field of electrical engineering, supplemented by fundamentals of civil, mechanical, and chemical engineering. This program may be completed with an emphasis in computer engineering, RF/wireless engineering, or telecommunications.



Program Goals • The program educational goals of the Department of Electrical Engineering undergraduate programs at The University of Mississippi are

1. To educate students in the fundamental practices and concepts of electrical engineering with an engineering science emphasis in a way that enables students to apply basic knowledge to achieve technological advances toward the satisfaction of human needs,
2. To support professional, industrial, and economic development by providing students with opportunities for an intensive learning experience and direct application of knowledge in the field of electrical engineering, and
3. To prepare students for continued professional education, including graduate study.

These goals are consistent with The University of Mississippi mission statement and the vision statements of The University of Mississippi strategic plan, *Ole Miss through 2010: A Guide for the Journey*, which focuses resources in the areas of instruction, research, and service.

Program Philosophy • The electrical engineering undergraduate program is founded on basic sciences, mathematics, and engineering science fundamentals. The program emphasizes engineering science and focuses on the application of scientific knowledge to the solution of engineering problems. This focus is intended to lead students to develop analysis and design skills, and original thought processes that will serve them throughout their careers in a rapidly changing world.

The electrical engineering program is based on the philosophy that specialization is better acquired at the graduate level. The program is a broad-based program with an emphasis on the fundamentals of electrical engineering. The curriculum consists of engineering background courses in science and mathematics; courses in the humanities, social sciences, and fine arts that foster an appreciation of the interrelationship of basic sciences, technological advances, and society; and major multi-course sequences in engineering. Multi-course sequence areas are

1. Core topics common to all areas of engineering,
2. Circuits and electronics,
3. Analog systems,
4. Digital systems,
5. Electromagnetic fields, RF and microwaves, and
6. Engineering design.

The basic program in electrical engineering requires multiple courses in each of the above areas. The emphasis areas of computer engineering, RF and wireless engineering, and telecommunications permit additional concentration in one of the areas and require multiple courses in at least five of the above areas.

Program Objectives • Based on our philosophy and goals, the faculty of the Department of Electrical Engineering has adopted the following undergraduate program educational objectives. Graduates of the B.S.E.E. undergraduate program at The University of Mississippi should

1. Have a sound understanding of the fundamentals of engineering science, computer applications, mathematics, and physics; and have the ability to apply this knowledge in engineering practice.
2. Be able to draw from physics, computer science, mathematics, and engineering science to identify, formulate, and develop practical design solutions to open-ended electrical engineering problems.

3. Have experience in using different computers and operating systems for scientific computation, graphics, word processing, data acquisition, process control, computer-aided design, and engineering communication.
4. Be able to communicate effectively with adequate written and oral technical communication skills.
5. Have laboratory experiences in chemistry, physics, engineering science, and electrical engineering that include a focus on health and safety issues. These experiences will include the design of experiments, computer-aided data acquisition, process control, and analysis and interpretation of data.
6. Have a general education of sufficient breadth to enhance their ability to work and deal with an ever-changing society involving people of different backgrounds and disciplines.
7. Have an understanding of professional and ethical responsibility.
8. Have an appreciation of the need for lifelong learning.

**General Education Course Requirements:** In addition to the courses specified by the School of Engineering general education requirements, the following are required: Math 263-264 and Math 353; laboratory science to be fulfilled by Chem 105, 115 and Phys 211, 212, 221, 222. The required 18 hours of humanities/behaviors and social science/fine arts are as specified by the School of Engineering general education requirements but must include Econ 310.

**Course Requirements:** The following are the requirements for the B.S.E.E. without an emphasis. A student can also complete the degree with an emphasis in either RF/wireless, telecommunications, or computer engineering. The full requirements for these emphases are given separately.

Specific requirements for the B.S.E.E. include Csci 251, 259; Engr 309, 321, 360, 361, 410; El E 100, 331, 335, 336, 341, 351, 352, 353, 367, 385, 386, 391, 431, 441, 447, 461, 462, 485, 486, 533; and 11 hours of technical elective courses. Technical elective courses may be chosen from El E 333, 433, 442, 443, 451, 453, 487, 523, 525; Engr 597; Tc 415, 432, 433, 491, 534, 535; Csci 361, 521, 530, 551, 561.

**Other Academic Requirements:** Students in the Department of Electrical Engineering are encouraged to take the Fundamentals of Engineering examination prior to awarding of the baccalaureate degree.

### **B.S.E.E. with Emphasis in Computer Engineering**

**Description:** The B.S.E.E. with emphasis in computer engineering provides a broad training in the basic and engineering sciences along with a focus on computer engineering.

**General Education Course Requirements:** In addition to the courses specified by the School of Engineering general education requirements, the following are required: Math 263-264 and Math 353; laboratory science to be fulfilled by Chem 105, 115 and Phys 211, 212, 221, 222. The required 18 hours of humanities/behaviors and social science/fine arts are as specified by the School of Engineering general education requirements but must include Econ 310.

**Course Requirements:** Specific requirements for the B.S.E.E. with emphasis in computer engineering include Math 301; Csci 111, 112, 211, 223, 361, 423; Engr 309, 321, 360, 361, 410; El E 100, 331, 335, 336, 341, 351, 352, 353, 367, 385, 386, 391,

431, 461, 462, 485, 486, 533; and 2 hours of technical elective courses. Technical elective courses may be chosen from El E 333, 433, 441, 442, 443, 447, 451, 453, 487; Engr 310, 597; Tc 535; Csci 521, 523, 530, 551, 561.

Other Academic Requirements: Students in the Department of Electrical Engineering are encouraged to take the Fundamentals of Engineering examination prior to awarding of the baccalaureate degree.

### **B.S.E.E. with Emphasis in RF/Wireless**

Description: The B.S.E.E. with emphasis in RF/wireless provides a broad training in the basic and engineering sciences along with a focus on RF/wireless engineering.

General Education Course Requirements: In addition to the courses specified by the School of Engineering general education requirements, the following are required: Math 263-264 and Math 353; laboratory science to be fulfilled by Chem 105, 115 and Phys 211, 212, 221, 222. The required 18 hours of humanities/behaviors and social science/fine arts are as specified by the School of Engineering general education requirements but must include Econ 310.

Course Requirements: Specific requirements for the B.S.E.E. with emphasis in RF/wireless include Csci 251, 259; Engr 309, 321, 360, 361, 410; El E 100, 331, 335, 336, 341, 351, 352, 353, 367, 385, 386, 391, 431, 433, 441, 447, 461, 462, 523, 525, 533; and 7 hours of technical elective courses. Technical elective courses may be chosen from El E 333, 442, 443, 451, 453, 485, 486, 487; Engr 597; Tc 432, 433, 491, 534, 535; Csci 361, 561.

Other Academic Requirements: Students in the Department of Electrical Engineering are encouraged to take the Fundamentals of Engineering examination prior to awarding of the baccalaureate degree.

### **B.S.E.E. with Emphasis in Telecommunications**

Description: The B.S.E.E. with emphasis in telecommunications provides a broad training in the basic and engineering sciences along with a focus on telecommunications.

General Education Course Requirements: In addition to the courses specified by the School of Engineering general education requirements, the following are required: Math 263-264 and Math 353; laboratory science to be fulfilled by Chem 105, 115 and Phys 211, 212, 221, 222. The required 18 hours of humanities/behaviors and social science/fine arts are as specified by the School of Engineering general education requirements but must include Econ 310.

Course Requirements: Specific requirements for the B.S.E.E. with emphasis in telecommunications include Csci 251, 259, 361; Engr 309, 321, 360, 361, 410; El E 100, 331, 335, 336, 341, 351, 352, 353, 367, 385, 386, 391, 431, 441, 447, 461, 462, 533; Tc 415, 432, 535; and 4 hours of technical elective courses. Technical elective courses may be chosen from El E 433, 442, 443, 451, 453, 485, 486, 487, 523, 525; Engr 597; Tc 409, 433, 491, 534; Csci 561.

Students in the Department of Electrical Engineering are encouraged to take the Fundamentals of Engineering examination prior to awarding of the baccalaureate degree.

## **GEOLOGICAL ENGINEERING**

Associate Professor Gregory L. Easson, chair, 118 Carrier Hall

<http://www.geo.olemiss.edu/>

Overview: The Department of Geology and Geological Engineering offers the Bachelor of Science in Geological Engineering (B.S.G.E.) degree for engineering students. For students in the College of Liberal Arts, the department offers a minor and a Bachelor of Science (B.S.) major in geology.

At the graduate level, the department has offerings for the Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) in engineering science. The latter graduate degrees are listed under the School of Engineering.

### **Bachelor of Science in Geological Engineering (B.S.G.E.)**

Description: The B.S. degree in geological engineering prepares students for productive careers as professional geological engineers engaged in continuous professional growth along their chosen career paths or prepares students for admission into graduate degree programs or professional schools.

Goals/Mission Statement: The goals of the B.S.G.E. program are an outgrowth of and consistent with The University of Mississippi mission statement and the vision statements of The University of Mississippi strategic plan, Ole Miss through 2010: A Guide for the Journey. While recognizing that the primary goal is to educate students whose careers will serve the state of Mississippi, it is our goal to train students whose professional careers will also serve the needs of the nation and the world in geological engineering and related fields. Past graduates of the program have found professional positions in a range of industries: (1) geotechnical, (2) environmental, (3) geospatial information science and technology, (4) graduate education, (5) earth resources extraction, and (6) hydrology. Future graduates are expected to serve the same range of industries. The objectives of the B.S.G.E. program are to prepare graduates

- Capable of conducting productive careers as professional geological engineers engaged in continuous professional growth along their chosen career paths;
- Knowledgeable in fundamental mathematics, chemistry, and physics, in preparation for advanced instruction and professional practice in geological engineering;
- With demonstrated knowledge of the engineering sciences, geological sciences, and geological engineering design fundamentals that are the core of the geological engineering profession;
- Well-versed in the liberal arts and capable of effective written and oral communication;
- Familiar with modern technology and modern scientific and engineering practice, and prepared to engage in lifelong learning to remain vital in the profession;
- With demonstrated ability to design and communicate creative solutions to practical problems that are effective, ethical, environmentally sound, cognizant of public safety requirements, and economically feasible.

General Education Course Requirements: In addition to the courses specified by the School of Engineering general education requirements, the following courses are required: Math 263-264 and Math 353; laboratory science to be fulfilled by Chem 105,

106, 115, 116 and Phys 211, 212, 221, 222. Students must complete 18 hours of general education requirements as specified by the School of Engineering, with the added requirement that a student complete at least one two-course sequence from a department. Three of the credit hours in social sciences must be Econ 310.

Course Requirements: Specific requirements for the B.S.G.E. include Csci 251; C E 431; Engr 207, 309, 312, 323, 340, 453; Geol 103, 221, 222, 303, 305, 314; G E 234, 440, 420, 421, 437, 450, 470. Two engineering science electives must be selected from Engr 360 or 362; Engr 321 or C E 472. Two geological engineering technical electives must be selected from G E 405, 460, 490, 503, 507, 510, 511, 513, C E 471 or C E 325, Engr 310, Engr 313. Please see department for advice.

Other Academic Requirements: Students in the Department of Geology and Geological Engineering are required to take the Fundamentals of Engineering examination prior to awarding of the baccalaureate degree.

## **MECHANICAL ENGINEERING**

Professor A.M. Rajendran, chair • 201 Carrier Hall

[http://www.olemiss.edu/depts/mechanical\\_eng/](http://www.olemiss.edu/depts/mechanical_eng/)

Overview: The Department of Mechanical Engineering offers the Bachelor of Science in Mechanical Engineering (B.S.M.E.) degree. Mechanical engineering is a fundamental discipline that emphasizes problem solving related to mechanical, materials, fluid, thermal, energy, and environmental systems.

At the graduate level, the department has offerings for the Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) in engineering science with emphases in mechanical engineering, aeroacoustics, computational hydroscience, and materials science and engineering. The latter graduate degrees are listed under the School of Engineering.

### **Bachelor of Science in Mechanical Engineering (B.S.M.E.)**

Description: The B.S.M.E. provides students with fundamentals in the field and a specialization in the following disciplines: mechanics, thermodynamics, fluid mechanics, materials, design, and laboratory diagnostics. It prepares students for careers as successful engineers engaging in diversified fields within the mechanical engineering profession as well as for admission into graduate degree programs or professional schools.

Goals/Mission Statement: The program educational objectives of the Department of Mechanical Engineering derive their foundation from the statement of purpose for The University of Mississippi's statement of purpose and vision statement. The academic mission of the Department of Mechanical Engineering (ME) is focused on broad, overarching goals that reflect both the academic purpose of the School of Engineering and the university. The stated university goals have been used to refine the goals and objectives of the department. The goals and objectives have been established from input by the faculty, students, and the Ole Miss Engineering School Advisory Board as constituency groups. These goals and objectives are listed as follows.

1. Educate students in the broad scope of the mechanical engineering discipline so as to be successful in applying and advancing knowledge in industry, academia, and related fields;

2. Conduct basic and applied research in fields related to mechanical engineering to maintain and enhance the quality and reputation of the faculty and the School of Engineering;
3. Serve industry, the engineering community, and the community at large in the state of Mississippi, the nation, and the world.

This process and these goals have resulted in the development of the Department of Mechanical Engineering curriculum consisting of lecture, design, and laboratory courses that stress the departmental goals. The mechanical engineering faculty, advisory board, and students, as constituency groups, have established the following undergraduate program educational objectives:

- A. Develop a clear understanding of the scientific principles and engineering applications of mathematics, chemistry, physics, solid mechanics, fluid mechanics, materials science, thermal sciences and the basic core;
- B. Produce graduates broadly educated in the humanities, social sciences, fine arts, and ethics;
- C. Develop effective communication skills, both verbal and written;
- D. Achieve competence with a variety of computer systems/software and to utilize the computer as an engineering tool;
- E. Produce graduates familiar with up-to-date diagnostic engineering laboratory instrumentation and measurement techniques;
- F. Produce graduates educated in the principles of engineering design;
- G. Produce graduates who think analytically and creatively;
- H. Produce graduates prepared for the lifelong learning process that yields a successful career.

General Education Course Requirements: In addition to the courses specified by the School of Engineering general education requirements, the following are required: Math 263-264, 353, and 375; laboratory science to be fulfilled by Chem 105, 106, 115, 116 and Phys 211, 212, 221, 222. Students must complete 18 hours of general education requirements as specified by the School of Engineering.

Course Requirements: Specific requirements for the B.S.M.E. include Csci 251; Econ 310; Engr 207, 309, 310, 312, 313, 314, 321, 322, 330, 362, 363, 553; M E 324, 325, 401, 402, 404, 416, 419, 427, 428, 438.

One technical elective must be chosen from Engineering Elective A (includes 1 hour of design): M E 417, 418, 422, 523, 524, 526, 527, 531, 534, 535, 538, 540, 541, 555.

A second technical elective must be chosen from any of the Engineering Elective A courses or from Engineering Elective B courses, including M E 421, 521, 522, 530, 532, 533, Engr 410, 515, 558, 559, 585, 590, 593.

### **Bachelor of Engineering (B.E.)**

Description: The B.E. program is more broadly focused than the B.S. in engineering science programs. The B.E. is designed to provide students the opportunity to gain an understanding of engineering, scientific, and technical knowledge, which will enhance their career objectives in such areas as engineering science, medicine, law, professional education, public policy, military, management, and sales.

General Education Course Requirements: In addition to the courses specified by the School of Engineering general education requirements, the following are required: Math 263-264 and Math 353; laboratory science to be fulfilled by Chem 105, 106, 115, 116 and Phys 211, 212, 221, 222.

Course Requirements: Candidates for the B.E. degree must complete the following courses: Csci 251; Engr 309, 310, 313, 321, 330, 362, 363, 400; 9 hours of technical engineering electives; 6 additional hours of humanities/social science/fine arts beyond the 18 hours School of Engineering core/general education requirement; 33 hours of an approved emphasis area. By the choice of emphasis area, students may choose to prepare to continue their education in medical, dental, law, business, or graduate school in various fields of study.

### **Minor in Engineering**

Description: Students pursuing a B.A. degree may choose to minor in engineering.

Course Requirements: A minor in engineering consists of 18 hours of course work in one of the following areas of emphasis: general engineering, chemical engineering, civil engineering, electrical engineering, geological engineering, or mechanical engineering. The courses are to be chosen with the advice and approval of a faculty adviser assigned by the dean of engineering. Students interested in the engineering minor should acquaint themselves with the mathematics, chemistry, and physics courses that are prerequisite to the engineering courses listed.

# School of Pharmacy

## **Barbara G. Wells, dean**

Leigh Ann Ross, associate dean for clinical affairs

Charles D. Hufford, associate dean for research and graduate programs

Marvin C. Wilson, associate dean for academic and student affairs

Alicia S. Bouldin, research associate professor for instructional assessment and advancement

Lauren S. Bloodworth, coordinator of student professional development and student services (UMMC)

1018 Thad Cochran Research Center

<http://www.pharmacy.olemiss.edu/>

## **OVERVIEW**

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Overview: The School of Pharmacy offers a Bachelor of Science in Pharmaceutical Sciences (B.S.P.S.) and a Doctor of Pharmacy (Pharm.D.) degree. The B.S.P.S. degree is not a practice degree, nor does it entitle one to sit for licensure examination. This degree provides the academic preparation for admission into the Doctor of Pharmacy program (practice track), a graduate degree program in the biomedical or pharmaceutical sciences (nonpractice tracks), a professional school, e.g., medicine or law, or a pharmaceutical science or pharmacy-related career path. The B.S.P.S. degree consists of a minimum of three years of pre-professional (pre-pharmacy) course work and one year of professional courses. The B.S.P.S. degree must be completed before entry to the Pharm.D. program. The final year of the B.S.P.S. program comprises the initial year of the Doctor of Pharmacy degree. The school also offers a Master of Science (M.S.) degree and Doctor of Philosophy (Ph.D.) degree in pharmaceutical sciences, with emphases in environmental toxicology, medicinal chemistry, pharmaceuticals, pharmacogenosy, pharmacology, and pharmacy administration.

## **HISTORY/MISSION/PURPOSE**

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**Vision**—The University of Mississippi School of Pharmacy will be internationally recognized for leadership and innovation in education, research, professional service, and delivery of patient-centered pharmacy services, to include various models of medication therapy management services that optimize therapeutic outcomes through improved medication use. We will be pacesetters in student-centered pharmacy education and will continuously seek to improve our educational outcomes. Our primary commitment will be to our students and postgraduate trainees to whom we will provide highest quality education and training that fosters lifelong learning. We will continuously assess and refine our curricula to ensure excellence and currency. We will conduct world-class research, disseminate our findings in first-rate, peer-reviewed journals, and serve as a vital resource to research scientists and health-care practitioners. We will continue to pursue funding that will enhance our infrastructure and make our research programs even more competitive. We will contribute to enhanced clinical, economic, and humanistic outcomes through advancement of leading-edge, patient-centered pharmacy services in urban and rural settings including underserved



areas. Through all our missions, we will work to stimulate the economy of Mississippi. We will be efficient and highly productive, and our work will be performed in an environment characterized by civility, cooperation, diversity, mentoring, nurturing, professionalism, collegiality, and accountability. The Joint Commission of Pharmacy Practitioners produced the Future Vision of Pharmacy Practice document containing directives for the profession to achieve by 2015. The school endorses the document and will work to ensure the preferred future of pharmacy is achieved.

**Comprehensive Mission Statement**—The School of Pharmacy’s commitment to excellence results from the synergistic combination of: talented and dedicated people (our faculty, staff, students, postdoctoral trainees, alumni, supporters, Mississippi’s pharmacy practitioners, and a variety of decision makers); focused educational programs and scholarly endeavors; a recognition and promotion of the value of individual differences; and a clearly articulated vision and mission. The mission of the School of Pharmacy is to improve the health, well-being, and quality of life of our state citizens as well as those of the nation and the world:

- By educating pharmacy practitioners, pharmaceutical scientists, and other health professionals via a variety of degree programs including the Bachelor of Science in Pharmaceutical Sciences (B.S.P.S.), Doctor of Pharmacy (Pharm.D.), Doctor of Philosophy (Ph.D.) in pharmaceutical sciences, and Master of Science (M.S.) in pharmaceutical sciences with emphases in medicinal chemistry, pharmaceuticals, pharmacognosy, pharmacology, pharmacy administration, and environmental toxicology, and by facilitating the establishment of postgraduate residencies and fellowships;
- By advancing patient-centered pharmacy services through providing pharmacy practitioners with professional development opportunities and conducting practice-based research; and
- By creating and maintaining an environment that promotes the generation and dissemination of new biomedical knowledge through collaborative and multi-disciplinary research and scholarly activity;
- By providing service to pharmacy, other health professions and scientific disciplines, and citizens of Mississippi, the nation, and the world.

## **DEGREES OFFERED**

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B.S. in Pharmaceutical Sciences (B.S.P.S.)

Pharm.D.

M.S. in pharmaceutical sciences, emphasis in

- environmental toxicology
- medicinal chemistry
- pharmaceuticals
- pharmacy administration
- pharmacognosy
- pharmacology

Ph.D. in pharmaceutical sciences, emphasis in

- environmental toxicology
- medicinal chemistry
- pharmaceuticals
- pharmacy administration
- pharmacognosy
- pharmacology

## **ADMISSION POLICIES**

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Students entering the Bachelor of Science in Pharmaceutical Sciences (B.S.P.S.) program must satisfy the general admissions requirements and procedures of the university. Admission into the B.S.P.S. program can occur in the fall of the freshman year, i.e., "Early Entry," but more typically after completion of the pre-pharmacy curriculum at The University of Mississippi or other accredited institution, i.e., "Regular Entry." Procedures and criteria for early entry and regular entry admission into the professional pharmacy program are given on the Web site of the School of Pharmacy. To gain regular entry admission, a student must have a cumulative GPA (calculated on all grades earned) of at least 2.75 on all required pre-pharmacy courses (excluding electives in humanities, fine arts, and social sciences), have obtained a minimum composite percentile score of 40, and a conventions of language score of 3 on the Pharmacy College Admission Test (PCAT) taken within 12 months of the application deadline. Admission into the professional curriculum requires proof of an extern/intern license issued by the Mississippi Board of Pharmacy for which a criminal background check is required at the applicant's expense. Following completion of the B.S.P.S. degree, students will be admitted into the final three years of the professional degree program (if they have achieved at least a 2.75 GPA on required courses in the first year of professional courses) after which they will receive the Doctor of Pharmacy degree.

## **SCHOOL SPECIFIC ACADEMIC REGULATIONS OR PRACTICES**

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### **Program Completion Requirements**

This information is given in the description of the B.S.P.S. and Pharm.D. degrees.

### **General Education/Core Curriculum**

This information (a listing of the courses required for entry into the professional degree program) is given in the description of the B.S.P.S.

### **School Specific and Schoolwide Degree Requirements**

This information is given in the descriptions of the B.S.P.S. and Pharm.D. degrees.

### **Honor Code Policy**

Students enrolled in the School of Pharmacy are expected to adhere to the policies described in the school's Code of Professional and Ethical Conduct. For more information see <http://www.pharmacy.olemiss.edu/student/Handbook.pdf>

## **ACCREDITATION**

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Accreditation: The B.S.P.S. degree is not an accreditable degree. The final two years of this degree program also comprise the initial two years of the four-year Pharm.D. program. The Doctor of Pharmacy program was fully reaccruited in 2006 by the Accreditation Council for Pharmacy Education, 20 North Clark Street, Suite 2500, Chicago, IL 60602-5109; 312-664-3575, 800-533-3606; or fax 312-664-4652.

## RESEARCH AND SERVICE CENTERS

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Research Institute of Pharmaceutical Sciences  
<http://www.pharmacy.olemiss.edu/rips/>

National Center for Natural Products Research  
<http://www.pharmacy.olemiss.edu/ncnpr/>

Center for Marketing and Management  
<http://www.olemiss.edu/depts/pharmacy/cpmm>

Division of Pharmacy Professional Development  
<http://www.olemiss.edu/depts/pharmacy/thebureau>

## OTHER INFORMATION

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For a more detailed description of School of Pharmacy programs and information, visit [www.pharmacy.olemiss.edu](http://www.pharmacy.olemiss.edu).

### **Bachelor of Science in Pharmaceutical Sciences (B.S.P.S.)**

Preliminary Requirements: Candidates for the B.S.P.S. degree must be able to perform the essential functions in each of the following categories: observation, communication, motor, intellectual, and behavioral/social. However, it is recognized that degrees of ability vary among individuals. For further information, please visit <http://www.pharmacy.olemiss.edu/students/Handbook.pdf>.

If a potential applicant feels unable to meet these technical standards, he or she is encouraged prior to application to discuss his or her disability with the executive director of Equal Opportunity and Regulatory Compliance at The University of Mississippi to determine whether or not reasonable accommodations can be made. The University of Mississippi School of Pharmacy is committed to enabling its students by any reasonable means or accommodations to complete the course of study leading to the B.S.P.S. and Doctor of Pharmacy degrees.

Admission into this degree program can occur in the fall of the freshman year, i.e., "early entry," but more typically after completion of the pre-professional (pre-pharmacy) curriculum at The University of Mississippi or other accredited institution, i.e., "regular entry." The required pre-professional courses for 2009 admissions include English composition—6 hours, majors biology—8 hours, majors chemistry—8 hours, organic chemistry—8 hours, trigonometry-based physics—8 hours, calculus—3 hours, microeconomics—3 hours, oral communications—3 hours, introductory statistics—3 hours, and 15 hours of electives (social/behavioral sciences—6 hours, fine arts—3-6 hours, humanities—3-6 hours). In addition, upper-division (+ 300, +3000) courses with the minimum number of credit hours indicated in parentheses, are required in biochemistry (3 CRH), physiology—human or mammalian (4 CRH), medical or pathogenic microbiology (3 CRH), and bioethics (3 CRH). Three additional courses will be required for 2010 admission, and these include immunology (3 CRH), cell biology (4 CRH), and genetics (3 CRH).

The School of Pharmacy requires a minimum GPA of 2.75 on required pre-pharmacy courses to be considered for admission. For further details, visit <http://www.pharmacy.olemiss.edu/students/Handbook.pdf>.

Completion of the minimum requirements will not ensure admission into the B.S.P.S. program. Decisions regarding admissions to the program will be based on policies es-

established by the faculty. Preference will be given to U.S. citizens who are either residents of Mississippi or who are non-Mississippi students who completed all of their pre-pharmacy work at The University of Mississippi. Applications from outstanding students who are U.S. citizens, but nonresidents of Mississippi, who completed their pre-pharmacy course work at schools other than The University of Mississippi, will be given consideration for admission.

Final admission is contingent on the provisionally admitted applicant being granted an extern/intern license from the Mississippi Board of Pharmacy. A criminal background check is required of the applicant. Proof of licensure must be provided prior to the August orientation of the entry class.

Additional Information: Students in the B.S.P.S. degree program are required to possess a laptop computer upon enrollment. Minimal hardware and software specifications are updated annually by the School of Pharmacy, after consultation with the university's Department of Information Technology. The revised specifications will be available each June from the Office of the Associate Dean for Academic and Student Affairs. They also will be listed on the school homepage at <http://www.olemiss.edu/depts/pharmacy>. The school philosophy is that these minimal specifications will provide the appropriate computing power and capabilities needed to complete the Doctor of Pharmacy program for that class of entering B.S.P.S. students.

Goals/Mission Statement: On the baccalaureate level, the school shall foster an environment where students can learn and apply the principles and theories related to the pharmaceutical sciences and acquire the knowledge, skills, and attitudes in their chosen discipline such that each can enter and succeed in a professional career in the pharmaceutical sciences, or continue studies in areas including, but not limited to, the Doctor of Pharmacy program or graduate studies in the pharmaceutical sciences.

General Education Course Requirements: The general education/core requirements for the B.S.P.S. degree include Engl 101 and Engl 102/Liba 102; Bisc 160, 161, 162, 163, 330 (Phcl 344), 336, 440, 520 (Phcg 321); Chem 105, 115, 106, 116, 221, 225, 222, 226, 473 (Phcl 343); Phys 213, 223, 214, 224; Math 115, 261; Spch 102 or 105; Econ 202; Phcl 346, Phad 393, 6 hours of behavioral/social sciences; 9 hours of humanities and fine arts, with at least 3 hours from each area. Courses listed in parentheses are an acceptable alternative to the immediately preceding courses.

Course Requirements: The first professional year (PY1) requirements include Phcl 341 and 342 (Pathophysiology), Phar 330 (Pharmaceutical Calculations), Phar 331 and 332 (Basic Pharmaceutics); Phad 391 and 392 (Health Care Systems); Prct 350 (Drug Information); Medc 317 (Pharmacogenetics and Pharmacoinmunology); Phad 390 (Professional Communications), Phcl 334 (Pharmacokinetics), Prct 453, 454 (Practice Skills Development), Prct 475, 476 (Introductory Pharmacy Practice Experiences) and professional electives.

Other Academic Requirements: Progression and retention criteria for early entry students and regular entry students, as well as financial obligations, liability/malpractice insurance, immunizations and assessment requirements, are detailed in the School of Pharmacy Handbook/Catalog <http://www.pharmacy.olemiss.edu/students/Handbook.pdf>

## **Doctor of Pharmacy (Pharm.D.)**

Description: The Pharm.D. curriculum is designed to prepare graduates for entry into the profession of pharmacy as a generalist practitioner in either community, institutional, or nontraditional environments. From a national accreditation standpoint, the program is four years in length, although locally the final year (PY1) is actually the terminal year of the B.S.P.S. degree program. The majority of the last two years of the Pharm.D. program occurs at sites other than on the Oxford campus, e.g., the UM Medical Center in Jackson and other sites around the state.

Accreditation: The Doctor of Pharmacy program was fully reaccredited in 2006 by the Accreditation Council for Pharmacy Education, 20 North Clark St., Suite 2500, Chicago, IL 60602-5109; 312-664-3575; fax 312-664-4652; Web: [www.acpe-accredit.org](http://www.acpe-accredit.org). Graduates of the Pharm.D. program are eligible to sit for licensure examination (NAPLEX), which must be successfully completed to practice the profession of pharmacy. Ninety-eight percent of the 2008 graduates of the Doctor of Pharmacy program passed the national board exam on their initial attempt. For the past five-year period, the pass rate for graduates of this program was ranked in the top 15 of all accredited colleges and schools of pharmacy. Furthermore, all graduates seeking professional employment were employed as practitioners, and the Pharm.D. graduation rate exceeds 90 percent of students admitted to the professional program.

Preliminary Requirements: Graduates of an ACPE-accredited B.S. in pharmacy program (who are licensed to practice pharmacy in Mississippi) and graduates of The University of Mississippi B.S.P.S. program are eligible for admission into the Doctor of Pharmacy program.

Requests to transfer to this program from students in good academic standing at other ACPE-accredited schools of pharmacy will be considered on an individual basis, as well as on a space-available basis. Such transfers must occur prior to the beginning of the PY3 year, given the unique nature of course design of this program as compared to other schools of pharmacy. Transfer, if approved, likely may result in the student needing to take, at a minimum, an additional semester of course work, given the uniqueness of course sequencing in the various schools of pharmacy.

### **A. Application Process**

To be considered for admission into the entry-level Doctor of Pharmacy program, B.S.P.S. graduates must reapply to The University of Mississippi following the awarding of the B.S.P.S. degree because the student will be entering a different degree program.

### **B. Admission Criteria**

The minimum requirements for admission to the entry-level Doctor of Pharmacy program are as follows:

1. Successful completion of the B.S.P.S. curriculum.
2. A GPA (calculated on all grades earned) of at least 2.75 on all required courses in the PY1 year of the regular-entry curriculum.
3. Grades of at least C in each of the required courses in the PY1 year.
4. Practitioner applicants (other than UM alumni) to the postbaccalaureate Pharm.D. program must submit, to the School of Pharmacy and also to the university, an official transcript indicating receipt of the B.S. in pharmacy degree from an ACPE-accredited school of pharmacy and a copy of a Mississippi pharmacy license.

5. Progression into the PY3 year requires that the student obtain a grade of at least a C in each PY1 and PY2 required course and have achieved for each of the PY1 and PY2 years a GPA of 2.75 on required professional courses.

Additional Information: Additional requirements for entrance or continuation in the program include

1. Basic Life Support for the Health Care Provider Training

Basic Life Support for the Health Care Provider (BLSHCP) training is required of all students enrolled in the Pharm.D. program. A BLSHCP course trains students how to perform adult, child, and infant cardiopulmonary resuscitation (CPR); manage foreign body airway obstruction in the adult, child, and infant; defibrillate utilizing an Automated External Defibrillator. Documentation may be in the form of a photocopy of the course completion card. Per the American Heart Association guidelines, BLS providers should receive training every two years. Therefore, in order to fulfill the BLS requirement, students will obtain BLS training in the PY1 and PY3 years.

2. Immunization

Each professional student (AT THE STUDENT'S EXPENSE) will be required to show proof of immunization against hepatitis B (or proof of having begun the series of immunization). If a student has not been immunized previously against hepatitis B, he/she must complete the series of three injections during the PY1 year. More than 90 percent of students so immunized will demonstrate a positive antibody titer within one month after completion of the injection schedule. Students may want to ascertain their immune status prior to beginning this expensive series (\$125-\$150) of injections since about 10 percent of the population is immune without having a documented history of having an active case of hepatitis B.

Students also will be required to have a PPD test (negative X-ray if previously PPD positive) during the fall of the PY1 and PY2 years, prior to or during orientation activities preceding the PY3 year, and also before beginning PY4 rotations. Students having a positive PPD test must, by negative chest X-ray, demonstrate lack of an active case of tuberculosis or offer proof that they are undergoing treatment if currently infected.

Students are expected to receive influenza immunizations in the fall of the PY1-PY4 years.

3. Liability/Malpractice Insurance

Each Pharm.D. student (AT THE STUDENT'S EXPENSE) will be required to offer proof (for example, photocopy of the certificate of insurance with dates of coverage included) of personal/professional liability coverage (a minimum of \$1 million per individual claim, \$3 million per incident) during the fall of the PY1 year and extending through completion of the PY4 year of the program.

4. Medical/Hospitalization Insurance

Hospitalization/medical insurance is required of all students enrolled in PY3 and PY4 courses. Coverage is available through a plan available to University of Mississippi Medical Center (UMMC) students. Contact the Student Accounting Office at UMMC for details. Open enrollment in this plan occurs only at the beginning of the PY3 year. Later attempts to enroll may require a physical examination and provider approval. An alternative plan is also available through the Student Health Center on the Oxford campus. It is the student's responsibility to notify the Professional Experience Program office of any changes in coverage during this two-year period.

5. Extern or Pharmacist Registration with the Mississippi State Board of Pharmacy (MSBP)

All entry-level students must present proof of extern/intern registration with the MSBP prior to beginning the PY1 year and extending through completion of the PY4 year. A photocopy of the entry-level student's MSBP extern card is acceptable documentation. Post-B.S. pharmacy students should submit a photocopy of their most current Mississippi State Board of Pharmacy registration card.

6. Financial Obligations

All financial obligations to the university, UMMC, and the School of Pharmacy Student Body, including obligations to on-campus chapters of professional student organizations in which the student has accepted membership, must be satisfied to receive a diploma. Students enrolled in the Doctor of Pharmacy program are required to pay each semester a UMMC student activity fee, which is billed through the Oxford campus. This fee is included in the tuition for PY3 and PY4 students regardless of the location of the advanced practice experiences. This fee entitles students to full student services and participation in student life activities at UMMC during the PY3 and PY4 years.

7. Programmatic Assessment

Students' participation in programmatic assessment activities may occur during the spring of the PY2 and PY4 years. All students are required to participate in these activities in order for verification of their diploma application to proceed. It is expected that students will take these activities seriously and to perform to the best of their ability. Otherwise, the results of these assessments would be invalid and unreliable and may lead to inappropriate programmatic changes.

**Goals/Mission Statement:** On the professional level, the School of Pharmacy shall foster an environment that enables graduates to acquire the abilities (knowledge, skills, and attitudes) necessary for licensure to enter the practice of pharmacy, provide pharmaceutical care, and improve the health, well-being, and quality of life of those they serve or to continue studies in areas including, but not limited to, graduate studies, residencies, or fellowships.

**General Education Course Requirements:** Refer to general education requirement for B.S.P.S. degree.

**Course Requirements:** The second or PY2 year is conducted on the Oxford campus and consists of courses in pharmacology (Phcl 442, 444–8 CRH), medicinal chemistry (Medc 416, 417–6 CRH), natural products (Phcg 422–4 CRH), practice skills development (Prct 455, 456–4 CRH), introductory pharmacy practice experience (Prct 477, 478), pharmacoeconomics (Phad 494), pharmacy management (Phad 493), pharmacy law (Phad 491) and OTC medication (Prct 450, 451) and professional electives. The third professional year (PY3) consists of 2 hours of Prct 566 (Seminar Skills Development for Healthcare Professionals); and 28 credit hours arranged in four eight-week blocks of problem-based learning activities focusing on therapeutic principles. Each of the blocks contains courses emphasizing knowledge and content—Prct 555, 558, 561, 564; problem solving—Prct 556, 559, 562, 565; group discussion—Prct 557, 560, 563, 569, and a 3-credit hour interdisciplinary course in disease prevention and epidemiology. In addition, students must complete three experiential rotations, Prct 543, 544, and 545 (Community Pharmacy Practice III, Institutional Pharmacy Practice III, and Specialty Pharmacy Practice).

During the fourth and final professional year (PY4) of the program, each student will participate in four required five-week advanced pharmacy practice experiences—Prct

586 (Adult Medicine), Prct 587 (Ambulatory Care), Prct 554 (Institutional Practice), and Prct 553 (Community Practice), and four five-week elective advanced pharmacy practice experiences for a total of 40 weeks of experiential education during the period beginning in June following completion of the PY3 year and ending with May commencement of the succeeding year. The electives must be in different areas of training. Students also must register for Prct 567 (Seminar Skills Development II) during one semester of the PY4 year.

**Other Academic Requirements:** A student who earns two or more final semester grades of F in required courses during the PY3 and/or PY4 year will be dismissed from the Pharm.D. program. The University of Mississippi academic forgiveness policy does not apply to professional students receiving grades of less than C in courses offered by School of Pharmacy academic departments. A student academically dismissed may only be readmitted one time and must begin the program with the PY3 fall courses and repeat all previously passed courses. No required course may be taken more than two times. All courses must be completed with a grade of C or better to be eligible for graduation.



# Sally McDonnell Barksdale Honors College

Associate Professor Douglass Sullivan-González, dean • HONORS CENTER • (662) 915-7294 • honors@olemiss.edu

## **HISTORY/MISSION/PURPOSE**

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The mission of the Sally McDonnell Barksdale Honors College (SMBHC) is to attract a diverse body of high-performing students to The University of Mississippi and provide them a vibrant center of academic excellence to help them become outstanding in their fields and engaged citizens of their communities and the world. Founded in 1997 through a gift from Jim and Sally Barksdale, the Honors College is designed for highly motivated students who thrive in small classes and seminars that emphasize reading, writing, and discussion.

## **ADMISSION POLICIES**

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**Four-Year Program:** Students from all majors and schools who meet the admission criteria of the college may participate in the program. Admission is based on a combination of considerations: grade-point average; class rank (especially valedictorian and salutatorian); SAT and/or ACT scores; writing ability; commitment to public service; and recommendations of teachers and counselors. Students must apply separately to the SMBHC in addition to applying to the university.

**Junior-Entry Program:** Students who did not enter the college as freshmen—either current UM students or transfers—are invited to join the SMBHC through the Junior-Entry Program. Through the Junior-Entry Program, students will become involved in research in their majors, take honors courses, and contribute to the larger society through community action. To be admitted into the Junior-Entry program, a student must have a minimum 3.50 undergraduate GPA and permission of the student's major department. Junior-Entry students must complete the exploratory research project and senior thesis requirements, take at least one other 3-hour honors course, and complete the community action component for each semester in which they are a member of the Honors College. A student who fulfills the Junior-Entry Program will graduate as an Honors Scholar in his or her major.

## **COLLEGE SPECIFIC ACADEMIC REGULATIONS OR PRACTICES**

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### **Program Completion Requirements**

All students must complete the degree requirements of an undergraduate program in either the College of Liberal Arts or one of the professional schools. To graduate as a Sally McDonnell Barksdale Honors Scholar, a student must also satisfy the following curriculum: complete a minimum of 29 hours of honors credit, with at least 18 hours by the end of the sophomore year. All students in the four-year program, both liberal arts and pre-professionals, take an intensive two-course sequence (Hon 101/102) in the social sciences and humanities that can count toward freshman composition hours. Students also complete a research project and senior thesis, usually in their ma-

jors, which total 3-9 hours. Other hours come from taking honors sections of courses offered in various disciplines.

In the senior year, the honors curriculum requires an instructional or preceptor experience. A broad range of experiences will fulfill this requirement (for example, leading a discussion group based on the honors thesis, or presenting a lecture on the topic). The preceptorship or tutorial can take place at the defense of the senior thesis. As part of the defense, honors students must include a multimedia component (such as PowerPoint) as part of their presentation.

Students must have a minimum of a 3.50 grade-point average in order to graduate as a Sally McDonnell Barksdale Honors Scholar. In the service of accomplishing this goal, honors students must attain a minimum GPA of 3.20 at the end of the freshman year, a 3.40 at the end of the sophomore year, and a 3.50 by the end of the junior year. During the senior year, students should have at least a 3.50 cumulative GPA.

Honors students are required to participate in the Community Action Component each semester. The college accepts a wide variety of experiences from churches, clubs, and campus organizations as fulfilling this requirement; visit <http://www.honors.olemiss.edu/activities/service.html> for a list of many organizations in the Oxford/Lafayette County area.

Honors students are required to attend two sessions of the "Honors Forum Series" each semester. This series will consist of various visiting lecturers, artistic performances, or conferences sponsored by departments on campus.

Although not a requirement, studying abroad and other field experiences are an important emphasis of the program. When students do study abroad for at least a semester, they are excused from the community action requirement for each semester abroad, and the study abroad fulfills the exploratory research project. In addition, honors students can apply for fellowships to make studying abroad more affordable or in order to take advantage of an unpaid internship.

## **General Education/Core Curriculum**

In addition to satisfying specific degree requirements of both an undergraduate program of study and the Honors College, a student must also satisfy the general education/core curriculum requirements of the undergraduate program being pursued. Honors 101 and 102 can be used to satisfy the 6-hour English composition requirement that is common to all degree programs. Alternatively, a student may apply the credits toward humanities or social science hours, especially if the student has AP English or other college composition credit. As humanities and social science credit, Honors 101 and 102 function differently in the various colleges and schools. In the schools of Business, Accountancy, and Pharmacy, Honors 101-102 can satisfy 6 hours of humanities requirements. In the School of Engineering, Honors 101-102 can satisfy 3 hours of humanities and 3 hours of social science. In the schools of Education and Applied Sciences, Honors 101-102 can satisfy 3 hours of humanities and 3 hours of electives. In the College of Liberal Arts, Honors 101-102 can satisfy 3 hours of humanities and 3 hours of social science for the B.A. For the B.S. degree, students may use Honors 101-102 to satisfy 6 hours of the required 12 hours of social science.

## **Advising**

The SMBHC has worked with many departments to have an honors adviser for honors students in those majors. In addition to the adviser assigned by the student's major department, each honors student will be assigned an adviser in the SMBHC with whom he or she will meet regularly. To schedule an advising session in the Honors College, visit [www.honors.olemiss.edu/staff-scheduling/](http://www.honors.olemiss.edu/staff-scheduling/).

## **Honor Code Policy**

To be an honors student involves more than the privilege of smaller, seminar-style classes and having access to the Honors Center. At minimum, all students should uphold the University Creed and the regulations in the university's M Book. In addition to those regulations, the Honors College has instituted the following code that is in effect in all honors classes:

Academic integrity is essential to all the values upon which the university is founded. Honors students must therefore embody academic honesty in all aspects of their work. A student with a documented case of plagiarism or academic cheating in an honors course will face the possibility of receiving the grade of F for the course and being dismissed from the Honors College. Specific consequences of such behavior will be determined by the administration and individual faculty member.

## **RESEARCH AND SERVICE CENTERS**

The SMBHC houses the Office of National Scholarship Advisement (ONSA), which advises students interested in major scholarships such as the Rhodes, Marshall, Gates/Cambridge, Truman, and Goldwater scholarships, among others. The ONSA works with any competitive student regardless of whether he/she is an honors student. The ONSA is located in Room 308 of the Honors Center.

# Medical Center

**Daniel W. Jones, M.D., vice chancellor for health affairs**

The University of Mississippi Medical Center, Jackson

More detailed information on the Medical Center and its five schools is given in the *Bulletin of The University of Mississippi Medical Center*, available online at [www.umsmed.edu](http://www.umsmed.edu). Send e-mail inquiries to [lgbrown@registrar.umsmed.edu](mailto:lgbrown@registrar.umsmed.edu) or call (601) 984-1080.

**The Campus** • The University of Mississippi Medical Center includes schools of Medicine, Nursing, Health Related Professions, Dentistry, and Graduate Studies in the Health Sciences; and the University Hospitals and Clinics, teaching hospitals for all Medical Center educational programs.

# School of Medicine

**Daniel W. Jones, M.D., dean**

The University of Mississippi Medical Center, Jackson

Visit the school's Web site at <http://som.umc.edu/>.

# School of Nursing

**Kay Bender, Ph.D., dean**

The University of Mississippi Medical Center, Jackson

Visit the school's Web site at [www.son.umc.edu](http://www.son.umc.edu).

# School of Health Related Professions

**Ben L. Mitchell, Ph.D., dean**

The University of Mississippi Medical Center, Jackson

Visit the school's Web site at <http://shrp.umc.edu>.

# School of Dentistry

**Buford O. Gilbert, Jr., D.M.D., interim dean**

The University of Mississippi Medical Center, Jackson

Visit the school's Web site at <http://dentistry.umc.edu/sda/servlet/Home>.



# School of Graduate Studies in the Health Sciences

**Joey P. Granger, Ph.D., dean**

The University of Mississippi Medical Center, Jackson

Visit the school's Web site at <http://graduate-school.umc.edu>.

# Courses of Instruction

In this section are listed and described all undergraduate courses taught in the schools and departments of the university except for the School of Law (see the *Law School Bulletin*) and the various schools at The University of Mississippi Medical Center in Jackson (see the *Bulletin of the University of Mississippi Medical Center*).

The courses are presented by departments or programs and are listed alphabetically. The subject name (the heading in large bold type) together with the course number constitutes the official designation of the course for the purposes of registration and official records. The official course title also appears in all capitals following the course number. The figures in parentheses after the course description denote the number of semester hours of credit for the course. Subtitles indicate subdivisions within the department and form no part of the actual course designation.

1-99	Courses that accrue no credit toward a degree
100-299	Lower-division courses; open to all students for undergraduate credit
300-499	Upper-division or advanced courses; open as undergraduate credit to students who are classified as sophomore or higher, or by permission of the department offering the course
500-599	Courses open as graduate credit to graduate students and open as undergraduate upper-division credit to undergraduate students who are classified as juniors or seniors
600-799	Courses open to graduate students

**Prerequisites** are listed for some courses. A student may not take a course unless these prerequisites have been met. Exceptions can be made only in special cases with the prior consent of the instructor, the department chair, and the dean.

In a continuous course sequence (such as Engl 101, 102 or Math 261, 262, 263, 264) the prior courses are prerequisite to the subsequent courses unless otherwise stated. Thus, a student who has failed one semester of a continuous course sequence may not take a subsequent course in that sequence until the failed course has been passed. In the case of modern or ancient language sequences (such as Span 101, 102, 201, 202) a student may begin at any level but then must take any subsequent courses in order.

## ACCOUNTANCY

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W. Mark Wilder, Dean, 200 Conner Hall  
<http://www.olemiss.edu/depts/accountancy>

### ACCY

**201. INTRODUCTION TO ACCOUNTING PRINCIPLES I.** Accounting principles and procedures for proprietorships, partnerships and corporations; preparation of financial statements; management's use of accounting data. (3)

**202. INTRODUCTION TO ACCOUNTING PRINCIPLES II** Accounting principles and procedures for proprietorships, partnerships and corporations; preparations of financial statements; management's use of accounting data. Prerequisite: Accy 201. (3)

**300. FUNDAMENTALS OF FINANCIAL ACCOUNTING.** A review and synthesis of the accounting cycle, the accrual accounting process and the measurement and reporting of assets, liabilities and equity. Prerequisite: Accy 201 with minimum grade of C, Accy 202 with minimum grade of C. (3)

- 301. ADMINISTRATIVE ACCOUNTING.** Planning and control through accounting, information systems, cost determination, financial statement analysis and interpretation. Prerequisite: Accy 202. (3)
- 303. FINANCIAL ACCOUNTING I.** Principles underlying financial statements: current assets, current liabilities, and investments. Prerequisite: Accy 201 with minimum grade of B, Accy 202 with minimum grade of B. (3)
- 304. FINANCIAL ACCOUNTING II.** Continuation of Accy 303: plant and equipment, intangible assets, long-term liabilities, corporate capital, and analysis of financial statements. Prerequisite: Accy 303 with minimum grade of C. (3)
- 309. COST CONTROL.** Job-order cost accounting, accumulation and allocation of factory overhead, fundamentals of process costs, and by-products and joint products. Prerequisite: Accy 202 with minimum grade of B. (3)
- 310. SYSTEMS.** Principles underlying establishment of complete accounting systems, application to typical business organizations, and emphasis on the functions of control and protection. Prerequisite: Accy 201, Accy 202 with minimum grade of C. (3)
- 401. AUDITING.** General standards and procedures for a contemporary audit, working papers, and reports. Prerequisite: Accy 304 with minimum grade of C. (3)
- 402. ADVANCED ACCOUNTING.** Specialized accounting problems including partnerships, installment sales, consignments, branch accounting and consolidations, and fiduciary relationships. Prerequisite: Accy 304 with minimum grade of C, Reserve Tuesdays 6-8 p.m. for exams. (3)
- 404. ACCOUNTING THEORY.** The function of accounting in society, structure of contemporary accounting theory, conceptual elements of accounting, nature of net income, and other related fields. Prerequisite: Accy 304 with minimum grade of C. (3)
- 405. INCOME TAXES I.** Federal and state income taxes for individuals, including research procedures. Prerequisite: Accy 202 with minimum grade of C. (3)
- 407. GOVERNMENTAL ACCOUNTING.** Procedures for government units, particularly municipalities; emphasis on budgetary and fund accounts. Prerequisite: Accy 202 with minimum grade of C. (3)
- 411. BUSINESS LAW.** Major principles and topics of law encountered by accounting majors and CPA candidates; contracts, the Uniform Commercial Code, property rights-real and personal, bailments, sales, commercial paper, bankruptcy, agency corporations, and wills and estates. Prerequisite: Bus 250. (3)
- 420. INDEPENDENT STUDY.** Reading and research in a topic in the field of accountancy. (1-6)
- 501. INTERNAL/OPERATIONAL AUDITING.** Emphasis on proper internal controls and on compliance with applicable laws, regulations, and policies. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Accy 304 with minimum grade of C, junior or above standing required. (3)
- 502. OIL AND GAS ACCOUNTING.** Accounting for exploration, development, production, and reserve recognition for firms in the petroleum industry; related topics in income taxes also are covered. Prerequisite: Accy 201, Accy 202, Accy 301. (3)
- 504. STANDARD COSTS.** Trends in costing based on standards in manufacturing industries, setting standards, measuring actual costs against standards, and disposition of variances. Prerequisite: Accy 309. (3)
- 505. TAXATION FOR NON-ACCOUNTANTS.** Fundamentals of federal taxation, including the background knowledge necessary to recognize the tax consequences of business and investment decisions. Prerequisite: Accy 202. (3)
- 509. INCOME TAXES II.** Federal and state income taxes on corporations, partnerships, estates, and trusts; a brief study of estate and gift taxes. Prerequisite: Accy 405 with minimum grade of C. (3)
- 514. MANAGERIAL AND BUDGETARY CONTROL.** Work of the controller, with special emphasis on the construction, control, and interpretation of accounts. Budgets of various kinds; recent CPA problems dealing with budgeting; ends in costing based on standards in manufacturing industries, setting standards, measuring actual costs against standards, and disposition of variances. Prerequisite: Accy 202 with minimum grade of C. (3)
- 515. ACCOUNTANCY PROBLEMS I.** Problems and issues encountered in accounting practices. (3)
- 516. ACCOUNTANCY PROBLEMS II.** Problems and issues encountered in accounting practices. (3)
- 519. INTRODUCTION TO TAX LAW.** Survey of taxation of individuals and corporations. (3)
- 520. ACCOUNTING INTERNSHIP.** A directed internship in an organization under the supervision of accounting practitioners. Z grade. (3-6)

**521. INTERNATIONAL ACCOUNTING.** Topics include comparative international accounting systems, efforts to harmonize accounting standards internationally, problems of foreign currency translation, and accounting and performance evaluation problems of multinational corporations. Corequisite: Acy 402. Prerequisite: Acy 304 with minimum grade of C. (3)

**525. PROFESSIONAL REPORT WRITING.** Intensive practice in professional report writing for accountants. Principles emphasized include analysis of audience, organization of ideas, clarity, conciseness of presentation, and correct grammar. Formats include memos, research reports, business letters, and other types of written communications used by accountants in practice. (3)

**530. INFORMATION TECHNOLOGY AUDITING.** Nature, control, and audit of computer-based accounting information systems. (3)

## **AEROSPACE STUDIES**

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Steven A. Estock, Chair, 3rd Floor, Barnard Hall

<http://www.olemiss.edu/orgs/afrotc/Det43>

### **AS**

**101. FOUNDATIONS OF THE U.S. AIR FORCE I.** Mission and organization of the Air Force, officership and professionalism, military customs and courtesies, Air Force leaders and officer pay, benefits, and career opportunities. Enrollment in this course does not incur a military obligation. Corequisite: AS 111. (1)

**102. FOUNDATIONS OF THE U.S. AIR FORCE II.** Continuation of AS 101. Enrollment in this course does not incur a military obligation. Corequisite: AS 112. (1)

**105. BASIC TRAINING.** Credit for successful completion of basic training in the United States Air Force. Z grade. (4)

**111. LEADERSHIP LABORATORY I.** Introduction to Air Force customs and courtesies and the environment of an Air Force officer. Enrollment in this course does not incur a military obligation. Z grade. Corequisite: AS 101. (1)

**112. LEADERSHIP LABORATORY II.** Continuation of AS 111. Enrollment in this course does not incur a military obligation. Z grade. Corequisite: AS 102. (1)

**201. THE EVOLUTION OF U.S. AIR SPACE POWER I.** Air Force heritage, leaders, ethics, and values. Introduction to leadership, group leadership problems, and Air Force quality programs. Enrollment in this course does not incur a military obligation. Corequisite: AS 211. (1)

**202. THE EVOLUTION OF U.S. AIR SPACE POWER II.** Continuation of AS 201. Enrollment in this course does not incur a military obligation. Corequisite: AS 212. (1)

**211. LEADERSHIP LABORATORY I.** Air Force customs and courtesies, the environment of an Air Force officer, and introduction to military leadership applications. Enrollment in this course does not incur a military obligation. Z grade. Corequisite: AS 201. (1)

**212. LEADERSHIP LABORATORY II.** Continuation of AS 211. Enrollment in this course does not incur a military obligation. Z grade. Corequisite: AS 202. (1)

**301. AIR FORCE LEADERSHIP STUDIES I.** Study of Air Force leadership, quality management fundamentals, professional knowledge, doctrine, leadership ethics, and communicative skills. Corequisite: AS 311. (3)

**302. AIR FORCE LEADERSHIP STUDIES II.** Continuation of AS 301. Corequisite: AS 312. (3)

**311. AIR FORCE LEADERSHIP & MANAGEMENT LAB I.** Application of leadership and management principles. Z grade. Corequisite: AS 301. (1)

**312. AIR FORCE LEADERSHIP & MANAGEMENT LAB II.** Continuation of AS 311. Z grade. Corequisite: AS 302. (1)

**401. DEFENSE STUDIES I.** Military officership and professionalism, national security process, advanced leadership ethics, military justice, and preparation for active duty service in the Air Force. Corequisite: AS 411. (3)

**402. DEFENSE STUDIES II.** Continuation of AS 401. Corequisite: AS 412. (3)

**411. DEFENSE STUDIES LABORATORY I.** Advanced application of Air Force leadership and quality management principles. Orientation to the active duty Air Force environment. Z grade. Corequisite: AS 401. (1)

**412. DEFENSE STUDIES LABORATORY II.** Continuation of AS 411. Z grade. Corequisite: AS 402. (1)

## AFRICAN AMERICAN STUDIES PROGRAM

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Charles K. Ross, Director, 312 Longstreet Hall

[http://www.olemiss.edu/depts/afro\\_am/](http://www.olemiss.edu/depts/afro_am/)

### AAS

**170. INTRODUCTION TO AFRICAN HISTORY.** Introduction to the history of Africa with an emphasis on the modern era. (Same as His 170). (3)

**201. AFRICAN AMERICAN EXPERIENCE I.** General overview including focus on race, economy, institutions, and key historical periods. (3)

**202. AFRICAN AMERICAN EXPERIENCE II.** Survey of black experience using the study of culture and the arts as a major focus. (3)

**302. JUDICIAL SYSTEM & AFRICAN AMER COMMUNITY.** An examination of the historical and contemporary relationships and interactions between the black population and the legal system in America. Concepts covered will include considerations of definitions of criminal conduct, societal responses to minority pressures and demands for justice, as well as intergroup relations between nondominant ethnic groups and enforcement components of society. (3)

**307. PEOPLES OF AFRICA.** This course examines the peoples of modern Sub-Saharan Africa, including patterns of African religions, the arts, politics, economics, and societies. (Same as Anth 307). (3)

**308. POLITICS OF CIVIL LIBERTIES.** American legal and political freedoms, judicial policy making, criminal justice, civil rights. (Same as Pol 307). (3)

**310. EXPERIENCES OF AFRICAN AMERICAN MISS.** Cross-disciplinary focus on the social, political, economic, and cultural aspects of African American history in the state with the largest concentration of African Americans in the United States. (3)

**315. POLITICAL SYSTEMS OF SUB-SAHARAN AFRICA.** Analysis of the political systems of sub-Saharan Africa and their development from the interaction of African and European social forces. (Same as Pol 323). (3)

**320. AFRICAN AMERICAN POLITICS.** An overview of the interaction between African Americans and the American political system. (Same as Pol 320). (3)

**324. RACE, GENDER, COURTSHIP—AFRICAN AMER. HIST.** The course will examine concepts of courtship and romantic love among African Americans to assess the central roles that race, gender, class and social forces played in the most private, and intimate, of matters. Students will assess the importance of “love” as a social construct among African Americans and how expressions of it complement or diverge from Euro-American conceptions. (Same as G St 321, His 324). (3)

**325. AFRICAN AMERICAN HISTORY TO 1865.** Black American history from West Africa to 1865, emphasizing the role of black leaders and their struggle against racial segregation and oppression. (Same as His 307). (3)

**326. AFRICAN AMERICAN HISTORY SINCE 1865.** A survey of the history of black Americans from the Civil War to the present, emphasizing the role of black leaders, the struggle against oppression, and the evolution of race relations. (Same as His 308). (3)

**334. INTRODUCTION TO FIELD WORK TECHNIQUES.** Examination of theory, practice, and tradition of documentary field research, including the use of photography, film and video, and tape recorders. Special emphasis on documentary study of the American South. (Same as S St 334). (3)

**337. ANTHROPOLOGY OF BLUES CULTURE.** Examines the blues in all its myriad social and cultural roles and contexts, using the anthropological models and approaches of the oral and musical arts, linguistics, ethnohistory, ethnography, religion, and ritual analysis among others. (Same as Anth 337). (3)

**341. AFRICAN AMER. LIT. TRAD I BEGIN TO 1920.** Begins with the oral tradition in Africa and continues with the evolution in form from slave narrations to autobiographies and novels; the incorporation of folk and popular materials into formal literature, and the idea of a literary tradition. Writers include Wheatley, Hammon, Equiano, Brown, Douglass, DuBois, Chesnutt, Dunbar, and Johnson. (Same as Engl 322). Prerequisite: two of the following courses: Engl 221, 222, 223, 224, 225, or 226. (3)

**342. AFRICAN AMER. LIT. TRAD II 1920-PRESENT.** Covers modern African American literature, concentrating on poetry and the novel. Attention to modern uses of folk materials; criticism and aesthetic movements, problems in form, audience, genre; politics and the writer with focus on the

emergence of African American female writers in contemporary literature. Selected works by Brown, Hurston, Hughes, Toomer, Wright, Ellison, Walker, Morrison, and selected playwrights. (Same as Engl 323). Prerequisite: two of the following courses: Engl 221, 222, 223, 224, 225, or 226. (3)

**350. TOPICS IN AFRICAN AMERICAN STUDIES.** Explores important themes from the perspectives of historical, cultural, and social/behavioral studies. Topics will vary. (3)

**360. TOPICS IN AFRICAN AMERICAN STUDIES ABROAD.** Students do departmentally approved course work at a foreign university. May be repeated with permission of director of the African American Studies program. (1-6)

**362. AFRICAN AMERICAN WOMEN'S HISTORY.** An introduction to African American women's history, exploring the epistemology and scholarships of the field. (Same as G St 362, His 339). (3)

**371. AFRICAN LITERATURE.** A survey of the development of African literatures in the context of African history and of the political, social, and cultural forces that have influenced various African countries. (Same as Engl 371). Prerequisite: two of the following courses: Engl 221, 222, 223, 224, 225, or 226. (3)

**373. CARIBBEAN LITERATURE.** A survey of Caribbean literatures from pre-Columbian cultures to the present. Emphasis on the development of Caribbean literatures in the context of Caribbean history and of the political, social, and cultural forces that shaped different Caribbean societies. (Same as Engl 373). Prerequisite: two of the following courses: Engl 221, 222, 223, 224, 225, or 226. (3)

**386. AFRICAN AND AFRICAN AMERICAN ARTS.** Interdisciplinary approach to the continuities between traditional and contemporary African and African American arts, with emphasis on architecture, sculpture, ceramics, textiles, basketry, jewelry, dance, and music. (Same as AH 386). (3)

**392. SUB-SAHARAN AFRICA.** History of Africa and African cultures from the earliest times to the present. (Same as His 387). (3)

**395. SURVEY OF BLACK AMERICAN ART.** History and appreciation of the art of black Americans with emphasis on painting, sculpture, architecture, and other plastic art forms. (Same as AH 369). (3)

**412. STUDIES IN BLACK POPULAR CULTURE.** Using a broad definition of black popular culture, this course will consider the relationship between representation and everyday life and pay particular attention to the production, dissemination, and consumption of black images produced by both blacks and non-blacks in the public arena. Prerequisite: Aas 201, Aas 202, 3 credit hours required in Aas 300 or above. (3)

**413. RACE AND ETHNICITY.** Economic, political, cultural, and historical dimensions of contemporary racial and ethnic relations in both U.S. and international contexts. (Same as Soc 413). Prerequisite: Soc 101. (3)

**420. RICHARD WRIGHT AND TONI MORRISON.** A comparative look at the development and impact of these African American writers. (3)

**421. READINGS IN U.S. BLACK FEMINISM.** Students will study the development, expression, ideology, and praxis of the politics African American women have developed to simultaneously counter both racism and sexism. Prerequisite: Aas 325 or Aas 326 or Aas 362. (3)

**438. HISTORICAL PERSPECTIVES SLAVERY IN AMER.** Examination of the roles of Europeans, Africans, and the nations of North and South America in the international slave trade and the institution of slavery in the western hemisphere. (Same as His 327). (3)

**440. HISTORY OF AFRICAN AMERICANS IN SPORTS.** A historical survey of African Americans and their roles in various sports, beginning with black participation in the late 19th century and chronicling that involvement into the 21st century. (Same as His 328). (3)

**441. COMPARATIVE BLACK LITERATURES.** A study of various black literatures, including African, African American and African-Caribbean in a comparative socio-cultural context. (Same as Engl 441). (3)

**442. THE NEW NEGRO ERA.** Students will study the politics, artistic production, and changing natures of African American identity and racial politics in the period between World War I and World War II. Prerequisite: 3 credit hours required in Aas 300 or above. (3)

**443. THE CIVIL RIGHTS ERA.** The African American struggle for civil rights, emphasizing the role of African Americans, the resistance of other racial and ethnic groups, and the role of federal and state agents/agencies from the perspective of political and social history. (Same as His 329). (3)

**480. AFRICAN AMERICAN STUDIES SENIOR SEMINAR.** Capstone of the African American studies major using the seminar format to integrate interdisciplinary approaches to themes in African

American culture, history, and institutions. Prerequisite: instructor approval required, senior or above standing required, 9 credit hours required in Aas courses. (3)

**498. AFRICAN AMERICAN STUDIES DIRECTED STUDY.** Individual study of an issue or topic in an area of specialization where the student has demonstrated the interest and competence necessary for independent research. The issue topic must be selected in conference with appropriate faculty. Prerequisite: instructor approval required, senior or above standing required, 15 credit hours required in Aas courses. (3-6)

**501. AFRICAN AMERICAN STUDIES SEMINAR.** Research, using the seminar format to focus on the African American experience during key historical periods: African origins, slave trade era, slavery, emancipation, urban migrations, and social and political integration. Special attention will be given to the socioeconomic, cultural, and political development of African Americans and the context within which it has occurred. Course content will vary. Prerequisite: Aas 201, Aas 325 or Aas 326. (3)

**504. RESEARCH IN AFRICAN AMERICAN STUDIES.** Intellectual history of research about the African American experience and the rise of African American studies. Critical examination of past and current research and its significance to various disciplines. Prerequisite: instructor approval required, senior or above standing required, Aas 201 or Aas 202. (3)

**509. HISTORIOGRAPHY OF AFRICAN AMERICAN HIST.** An introduction to the research methods and principles of historiography as applied to specific events and issues in African American history. The course will focus on how African American history has been, and is being written. Topics include the major historians, theories, sources, uses of authentic materials, and fields of investigation. Does not satisfy history department M.A. 500-level historiography requirements. (Same as His 509). (3)

**517. AFRICAN AMERICAN MUSICAL TRADITION.** A study of the historical and stylistic development of African American music from ancient Africa to present. (Same as Mus 517). (3)

**518. HISTORY OF JAZZ AND ITS ROOTS.** A historical survey of American jazz with an emphasis on the musical styles and genres of specific African American composers and musicians. (Same as Mus 518). (3)

**593. AFRICAN AMERICAN LITERATURE.** Selected African American prose, poetry, fiction, and drama, with emphasis on major figures, themes, periods, and movements. (May be repeated once for credit). (3)

**ANTHROPOLOGY** *See the Department of Sociology and Anthropology.*

## **APPLIED SCIENCES**

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Linda F. Chitwood, Dean, George Street University House

[http://www.olemiss.edu/depts/applied\\_sciences](http://www.olemiss.edu/depts/applied_sciences)

### **Intelligence and Security Studies-ISS**

**125. INTRODUCTION TO INTELLIGENCE STUDIES.** Students will be presented with a broad overview of intelligence gathering and analysis as practiced by agencies of the United States government, to include its purpose, history and potential benefits. The organizational makeup of the U.S. Intelligence Community (IC); the laws, guidelines and ethics pertaining to intelligence collection; and employment/internship possibilities in the IC will also be presented. Finally, students will be given an introduction to analytical procedures and writing/briefing for policymakers. (3)

**350. FUNDAMENTALS OF ANALYSIS.** Examination of the fundamentals of analysis through critical and creative thinking, intelligence and law enforcement methodologies. Strategies to reduce cognitive, cultural and bureaucratic biases. Prerequisite: ISS 125, instructor approval required. (3)

**375. INTELLIGENCE COMMUNICATIONS.** Fundamentals of writing and briefing for policymakers in the intelligence community, emphasizing the "learning by doing" approach. Prerequisite: ISS 125, instructor approval required. (3)

**480. NAT'L SECURITY ISSUES OF 21ST CENTURY.** Introduction to security threats and how they might evolve in the future. Examination of historical, sociological, cultural, technological and scientific principles underpinning threats and challenges to U.S. security. Prerequisite: ISS 125, instructor approval required. (3)

**490. INTERNSHIP IN INTELLIGENCE & SECURITY ST.** Internship to facilitate the integration of curriculum content through supervised experiences with an approved intelligence community, other government, or private sector agency. Prerequisite: ISS 125, ISS 350, ISS 375, ISS 480. (3-9)

**499. INTELLIGENCE & SECURITY STUDIES-CAPSTONE.** Project of original, supervised research in an area of interest to the intelligence community. Prerequisite: ISS 125, ISS 350, ISS 375, ISS 480, ISS 490. (3)

**ARCHAEOLOGY** *See the Department of Classics and the Department of Sociology and Anthropology.*

## **ART**

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Sheri Rieth, Interim Chair, 116 Meek Hall

<http://www.olemiss.edu/depts/art/>

### **Art Fundamentals**

**101. TWO-DIMENSIONAL DESIGN.** Through reading, discussion, and projects, the foundations course introduces students to the studio method while exploring the fundamentals of two-dimensional design. Recommended studio art elective. (3)

**102. COLOR THEORY.** Exploration of traditional and contemporary color theory in studio art. Prerequisite: B.A. and B.F.A. art majors only. (3)

**103. THREE-DIMENSIONAL DESIGN.** Through readings, discussion, and projects, the foundation studio explores design in three dimensions. (3)

**111. DRAWING I.** An introduction to traditional drawing techniques and skills with a primary focus on perspective. Prerequisite or corequisite: Art 101. (3)

**202. PHOTO IMAGING.** Introduction to professional studio techniques using Adobe Photoshop on the Macintosh platform, including special photographic effects. Prerequisite: Art 101 and Art 111. (3)

**211. DRAWING II.** A further development of traditional drawing skills and techniques explored through a variety of media. Prerequisite: Art 101 and Art 111. (3)

### **Graphic/Web Design**

**360. VECTOR IMAGING.** Instruction in Adobe Illustrator, the standard illustration program used by designers on a Macintosh platform. Introduction to vector graphics with emphasis on both technical and artistic mastery. Prerequisite: Art 101 and Art 111. (3)

**361. GRAPHIC DESIGN I, TYPOGRAPHY.** Formal aspects of graphic design with emphasis in typography in the graphic design process; a history of type design and applied problems composing publications with type and the use of the computer in completing projects. Prerequisite: Art 360. (3)

**362. GRAPHIC DESIGN II, PRODUCTION DESIGN.** Instruction in theory and techniques involving file preparation for publications. Course includes illustration and layout production. Prerequisite: Art 361. (3)

**363. ILLUSTRATION.** Visual and conceptual exploration of various techniques and media involved in artwork for reproduction in publications. Prerequisite: Art 362. (3)

**364. WEB DESIGN I.** Theoretical and technical exploration of the various uses for computer-based imagery, including basic multimedia and Internet development. HTML and Macromedia FLASH are introduced. Prerequisite: Art 361. (3)

**460. GRAPHIC DESIGN III, PACKAGE DESIGN.** Theory and techniques of design for package production with instruction in preparing prototypes. Prerequisite: Art 362. (3)



**461. ADVANCED GRAPHIC DESIGN AND ILLUSTRATION.** Preparation of professional portfolio materials in the student's area of interest. Prerequisite: A minimum of 9 hours of graphic/Web design courses at the 300 level or higher. (3)

**465. WEB DESIGN II.** Advanced conceptual and technical exploration of Web design with Macromedia Dreamweaver. Topics may include historical issues in computer graphics, Internet development, multimedia, two-or three-dimensional animation and static image manipulation. May be repeated once for credit. Prerequisite: Art 364. (3)

**560. TOPICS IN AMERICAN ART.** Content varies. May be repeated once for credit. (3)

**561. AMERICAN ART TO 1900.** History of American painting, sculpture, architecture, interiors, furniture, and other decorative arts and folk art from the Colonial period to 1900. (3)

**564. WEB DESIGN I.** Theoretical and technical exploration of the various uses for computer-based imagery, including basic multimedia and Internet development. HTML and Macromedia FLASH are introduced to advanced art students. (3)

**565. WEB DESIGN II.** Advanced conceptual and technical exploration of Web design with Macromedia Dreamweaver. Topics may include historical issues in computer graphics, Internet development, multimedia, two-or three-dimensional animation, and static image manipulation. May be repeated once for credit. Prerequisite: Art 364 or Art 564. (3)

## Drawing

**311. FIGURE DRAWING I.** Drawing from the model with an emphasis on skeletal and anatomical structure using traditional drawing techniques. Prerequisite: Art 211. (3)

**312. FIGURE DRAWING II.** Drawing from the model with an emphasis on posing the figure and exploring experimental media. Prerequisite: Art 311. (3)

**411. ADVANCED DRAWING.** Continued exploration of media and techniques with emphasis on individual directions. May be repeated once for credit. Prerequisite: Art 312. (1-6)

**511. DRAWING.** Advanced problems including special problems designed on an individual basis, with emphasis on drawing as a final form of expression. Mixed media. May be repeated for credit for a maximum of 9 hours. (3)

**512. FIGURE DRAWING.** Advanced drawing from the live model including special problems designed on an individual basis. May be repeated for credit for a maximum of 6 hours. (3)

## Imaging Arts

**381. INTRODUCTION TO PHOTOGRAPHY.** Photographic fundamentals and camera techniques applied to basic black-and-white photography. Course emphasizes students developing a personal point of view. Requires that students have 35mm camera with adjustable aperture and shutter speed. Prerequisite: Art 111. (3)

**382. INTERMEDIATE PHOTOGRAPHY.** Continues emphasis on fundamentals of photography applied to black-and-white developing and printing. Stresses fine darkroom techniques, the development of a personal aesthetic and the presentation of photographs. Prerequisite: Art 381. (3)

**383. DIGITAL PHOTOGRAPHY.** Acquisition of the technical language of the digital image and development of a personal photographic style. Emphasis is a fine art approach to digital image making. Prerequisite: Art 102, Art 202, and Art 381. (3)

**384. DIGITAL VIDEO I.** Technical and conceptual foundation of time-based media. Includes single camera production, storyboard production, lighting and post-production editing. Prerequisite: Art 102, Art 202, and Art 381. (3)

**481. ADVANCED PHOTOGRAPHY.** Stresses medium format and view camera techniques; archival processing; toning; and museum presentation of a coherent series of images. Prerequisite: Art 382. (3)

**483. ADVANCED DIGITAL PHOTOGRAPHY.** Advanced problems in studio techniques and conceptual development related to digital photography. Emphasis on individual expression and research. May be repeated twice for credit for a maximum of 9 hours. Prerequisite: Art 383. (3-6)

**484. ADVANCED DIGITAL VIDEO.** Advanced problems in studio techniques and conceptual development related to digital video. Emphasis on individual expression and research. May be repeated twice for credit for a maximum of 9 hours. Prerequisite: Art 384. (3-6)

**581. BLACK-AND-WHITE PHOTOGRAPHY.** Instruction for advanced art students in black-and-white photography with emphasis on the mechanics of 35 mm camera skills, darkroom techniques,

and developing a personal photographic style. Focus on a fine art approach to image making. May be repeated twice. (3)

**583. DIGITAL PHOTOGRAPHY.** Acquisition of the technical language of the digital image by advanced art students and development of a personal photographic style. Emphasis is a fine art approach to digital image making. May be repeated twice. (3)

**584. DIGITAL VIDEO.** Technical and conceptual foundation of time-based media for advanced art students. Includes single camera production, storyboard production, lighting, and post-production editing. May be repeated twice. (3)

## Painting

**321. GREEK ART AND ARCHAEOLOGY.** Development of painting, sculpture, and architecture in the Greek world from the Late Bronze Age to Hellenistic times. (Same as Clc 321). (3)

**322. ROMAN ART AND ARCHAEOLOGY.** Roman architecture, sculpture, and painting. (Same as Clc 322). (3)

**326. WATERCOLOR.** Water painting techniques and the use of materials and tools for the exploration of water-based media on paper. Prerequisite: Art 211. (3)

**421. PAINTING.** Further development in techniques with emphasis on individual selection of content. May be repeated for credit. Prerequisite: Art 322. (1-6)

**426. ADVANCED WATERCOLOR.** Advanced water-based painting techniques combined with mixed media on paper. Prerequisite: Art 326. (3)

**521. PAINTING.** Special problems in painting based on individual studio practice. May be repeated for credit for a maximum of 9 hours. (3)

**526. WATERCOLOR.** Advanced work in water-based media on paper including special problems designed on an individual basis. May be repeated for credit for a maximum of 6 hours. (3)

## Pottery and Ceramics

**340. BEGINNING CERAMICS.** An introduction to clay through constructive techniques, emphasizing three-dimensional form and design. No prerequisite. (3)

**341. POTTERY.** Exploration of the vessel form, using the potter's wheel as the primary construction technique. Prerequisite: Art 340. (3)

**342. HANDBUILDING.** Exploration of the three-dimensional form, with clay and glazes the primary media. Prerequisite: Art 340. (3)

**441. ADVANCED CERAMICS.** Advanced study of three-dimensional form and ceramic techniques, including in-depth study in one area of concentration with strong emphasis on individual expression and research. May be repeated for credit for a maximum total of 12 hours. Prerequisite: Art 341 or Art 342. (1-6)

**541. POTTERY AND CERAMICS.** Advanced problems in pottery and ceramics with emphasis on individual development. May be repeated for credit for a maximum of 9 hours. (3)

## Printmaking

**371. INTRODUCTION TO RELIEF AND PLANOGRAPHIC PRINTMAKING.** Lectures, discussions, demonstrations, and studio projects introducing woodcut, linoleum, embossing, and planographic printmaking processes. Prerequisite: Art 101 and Art 211. (3)

**372. INTRODUCTION TO INTAGLIO PRINTMAKING.** Lecture, discussions, demonstrations, and studio projects introducing etching, aquatint, metal engraving, collagraph, and dry-point processes. Prerequisite: Art 101 and Art 211. (3)

**373. BOOK ARTS.** Students will explore handmade books, including alternative bookbinding structures and successful integration of printed image and text. (3)

**471. ADVANCED PRINTMAKING.** Individual exploration of relief, intaglio, planographic, and new techniques of printmaking. May be repeated for credit. Prerequisite: Art 371, Art 372. (1-6)

**571. PRINTMAKING.** Special problems in printmaking. May be repeated for credit for a maximum of 9 hours. (3)

**573. BOOK ARTS.** Exploration of hand-made books, including alternative bookbinding structures and successful integration of printed image and text. May be repeated once for credit. (3)

## Sculpture

**331. BEGINNING SCULPTURE.** Introduction to concept presentation, sculptural techniques, and materials such as plaster and wood. Prerequisite: Art 103. (3)

**332. INTERMEDIATE SCULPTURE.** Continuation of investigation into materials and techniques, including welding and foundry practice. Prerequisite: Art 331. (3)

**431. ADVANCED SCULPTURE.** Advanced problems in studio techniques and conceptual development. Emphasis upon individual expression and research. May be repeated for credit. Prerequisite: Art 332. (1-6)

**432. ADVANCED HEAD MODELING.** Modeling the human head from life in clay on an armature, stressing basic construction, proportion, anatomy, volume, light and shadow, gesture, and rhythm. Prerequisite: Art 311, Art 331. (3)

**433. ADVANCED FIGURE MODELING.** Modeling the human figure from life in clay on an armature, stressing basic construction, proportion, anatomy, volume, light and shadow, gesture and rhythm. Prerequisites: Art 311 and Art 331. (3)

**531. SCULPTURE.** Independent research and experimentation with emphasis on advanced problems. May be repeated for credit for a maximum of 9 hours. (3)

**532. HEAD MODELING.** Independent investigation in modeling the human head from life. May be repeated once for credit. Prerequisite: consent of instructor. (3)

**533. FIGURE MODELING.** Independent investigation in modeling the human figure from life. May be repeated once for credit. Prerequisite: consent of instructor. (3)

## Special Areas

**308. ART HISTORY INTERNSHIP.** Individually planned work experience in a museum, gallery, or art organization. This course may not be used to satisfy the fine or performing arts requirements for the B.A. and B.S. degrees. Prerequisite: junior standing and consent of instructor. (1-3)

**310. STUDIO ART ON LOCATION.** Emphasis on studio art practice in a location other than the UM campus. Content varies. May be repeated once for credit. Prerequisite: junior standing or consent of instructor. (3)

**315. EGYPTIAN ART AND ARCHITECTURE.** Covers ca. 3,000 B.C.E. through the 1st century B.C.E. (Same as Clc 315). (3)

**395. TOPICS IN STUDIO ART ABROAD.** Students complete departmentally approved course work at a foreign university. May be repeated once for credit with permission of chair of the Department of Art. (1-6)

**398. SPECIAL TOPICS IN ART.** Topics in studio art. May be repeated once for credit. Prerequisite: Art 211 and consent of instructor. (3)

**410. ART INTERNSHIP.** Individually planned work experience relating to a major area of emphasis; open to Art majors of junior standing or above with consent of instructor. Prerequisite: consent of instructor. (3)

**490. DIRECTED INDIVIDUAL PROBLEMS.** Prerequisite: consent of instructor. (1-6)

**510. STUDIO ART ON LOCATION.** Emphasis on studio art practice in a location other than the UM campus. Content varies. May be repeated once for credit. Prerequisite: consent of instructor. (3)

**598. SPECIAL TOPICS IN STUDIO ART.** Topics in studio art. Content varies. May be repeated once for credit. Prerequisite: consent of instructor. (3)

## Thesis

**405. PRE-THESIS FORUM.** Portfolio review in a group gallery setting. This course is required of all B.F.A. students during the semester preceding thesis exhibition. Prerequisite: Senior status and admission to the B.F.A. program. (0). (Z grade)

**491. THESIS.** This course requires the design and fabrication of a cohesive body of artwork presented through a professional quality exhibition. Prerequisite: Art 405 (1-3)

**492. SENIOR SEMINAR.** Directions, problems, and ethics encountered in the practice of art as a profession. Prerequisite: senior status. (1). (Z grade)

## Art Education-Ared

**361. TEACHING OF ART IN THE ELEMENTARY SCHOOL** Principles basic to selection of materials and the guidance of activities appropriate to the kindergarten through the elementary school program. Prerequisite: education and art majors only. (3)

## Art History-AH

**101. INTRODUCTION TO WESTERN ART.** For all students interested in acquiring an understanding of the visual arts. An introductory survey of painting, sculpture, and architecture in the Western world. Will not count toward art major. (3)

**102. INTRODUCTION TO NON-WESTERN ART.** A chronological and comparative survey of indigenous arts in Africa, the Americas, Asia, and Oceania. Will not count toward art major. (3)

**201. HISTORY OF ART I.** A survey of prehistoric and ancient cultures through the Middle Ages. Includes representative examples and styles of art and architecture of Western and non-Western cultures. (3)

**202. HISTORY OF ART II.** A survey of Western and non-Western painting, sculpture, and architecture from the Renaissance through the present. (3)

**305. ART ON LOCATION.** Exploration of the arts and architecture of a major metropolitan area or region. May be repeated once for credit. Prerequisite: consent of department chairperson required. (3)

**306. TOPICS IN ART HISTORY ABROAD.** Students complete departmentally approved course work at a foreign university. May be repeated once with permission of chair of the Department of Art. (2-6)

**308. ART HISTORY INTERNSHIP.** Individually planned work experience in a museum, gallery, or art organization. This course may not be used to satisfy the fine or performing arts requirements for the B.A. and B.S. degrees. Prerequisite: junior standing required, instructor approval required. (1-3)

## Ancient

**315. EGYPTIAN ART AND ARCHITECTURE.** Covers ca. 3,000 B.C.E. through the 1st century B.C.E. (Same as Clc 315). (3)

**316. BRONZE AGE GREEK/AEGEAN ARTS/ARCHI.** Covers ca. 6,000 B.C.E. through 1,000 B.C.E. (Same as Clc 316). (3)

**317. ETRUSCAN ART AND ARCHITECTURE.** Covers ca. 1,000 B.C.E. through 100 B.C.E. (Same as Clc 317). (3)

**318. GREEK VASE PAINTING.** Designed for undergraduates with an interest in the classical world, the course will cover prehistoric through Hellenistic Greek vase painting, utilizing the Robinson Collection at the University Museums. (Same as Clc 318). (3)

**319. GREEK SCULPTURE.** Designed for undergraduates with an interest in the ancient world, the course will cover archaic through Hellenistic Greek sculpture. (Same as Clc 319). (3)

**320. GREEK ARCHITECTURE.** An introduction to the principles of ancient architecture through a study of monuments and sites in Greece and Asia Minor. (Same as Clc 320). (3)

**321. GREEK ART AND ARCHAEOLOGY.** Development of painting, sculpture, and architecture in the Greek world from the Late Bronze Age to Hellenistic times. (Same as Clc 321). (3)

**322. ROMAN ART AND ARCHAEOLOGY.** Roman architecture, sculpture, and painting. (Same as Clc 322). (3)

## Medieval

**330. MEDIEVAL ART.** History and archaeology of art from Early Christian through Gothic periods. (3)

**332. EARLY CHRISTIAN, BYZANTINE & ISLAMIC ART** Art and architecture of the second through early 13th centuries, including Early Christian art in the Roman provinces in the Holy Land and Islamic art within Europe. Prerequisite requirements may also be approved by consent of instructor. Prerequisite: AH 201. (3)

**334. EARLY MEDIEVAL ART AND ARCHAEOLOGY.** Art and architecture of the fourth through early 12th centuries in Eastern and Western Europe. Art of so-called barbarian groups from Hungary to England and Scandinavia, and Christian art of the Carolingian and Ottoman Empires. Prerequisite requirements may also be satisfied by consent of instructor. Prerequisite: AH 201. (3)

**336. VIKING ART AND ARCHAEOLOGY.** Art and archaeology of Vikings in Scandinavia and in distant lands from Russia to England and Iceland. Covers pre-Viking styles of the fifth century through late 11th century. Prerequisite requirements may also be satisfied with consent of instructor. Prerequisite: AH 201. (3)

**338. ROMANESQUE AND GOTHIC ART.** Art and architecture of the later Medieval period, including Romanesque and Gothic art of Western Europe from the 12th through the 15th centuries. Prerequisite requirements may also be satisfied by consent of instructor. Prerequisite: AH 201. (3)

## Renaissance and Early Modern

**341. ITALIAN RENAISSANCE ART.** A study of graphic arts, painting, sculpture, and architecture in Italy from the Dugento (13th century) through the 16th century and "Mannerism." (3)

**343. NORTHERN RENAISSANCE ART.** A study of graphic arts, painting, sculpture and architecture in Germany, France, and the Netherlands from 14th through the 16th century, including "Mannerism." (3)

**345. BAROQUE & ROCOCO ART & ARCHITECTURE.** History and analysis of European art from the 17th century to the French Revolution. (3)

## Modern

**351. 19TH-CENTURY EUROPEAN ART.** An examination of the major European styles from Neoclassicism through Post-Impressionism. (3)

**354. ART NOUVEAU, ART DECO, & STREAMLINING.** Three major movements from 1890 to 1940 in European and American design, with focus upon design sources, theory, characteristics, and leading figures in interior design and decorative arts. (3)

**355. 20TH-CENTURY ART.** A study of 20th-century American and European art. (3)

**357. MODERN ARCHITECTURE & INDUSTRIAL DESIGN.** The development of 19th- and 20th century architectural and industrial design in Europe and America with emphasis upon new materials and engineering. (3)

**359. CONTEMPORARY ART, ARCHITECTURE, & DESIGN.** Contemporary art with special emphasis on American and European art. (3)

## American

**361. AMERICAN ART TO 1900.** History of American painting, sculpture, architecture, interiors, furniture, other decorative arts, and folk art from the Colonial Period to 1900. (3)

**362. FOLK ARTS OF THE AMERICAS.** Multicultural introduction to American folk art from the Pilgrim settlements in New England to the popular arts of the 20th century; indigenous/native arts from Alaska to Mexico and Peru. (3)

**364. AMERICAN ART ON PAPER.** An examination of prints, drawings, and watercolors produced in America since 1573. Includes folk art, illustration, and artists' sketches. (3)

**365. SOUTHERN FOLK ARTS.** Interdisciplinary approach to the history of folk arts in the Southern United States. Emphasis on field research and development of exhibits. (3)

**366. HIST. OF SOUTHERN ART & DECORATIVE ARTS.** Southern art and decorative arts from 18th-century seaboard culture to the present. Course will stress indigenous Southern characteristics and adaptation of imported styles and attitudes. (3)

**367. SOUTHERN ARCHITECTURE AND INTERIORS.** Southern architecture and interiors from 18th-century seaboard culture to the present. Course will stress indigenous Southern characteristics and adaptation of imported styles and attitudes. (3)

**369. SURVEY OF BLACK AMERICAN ART.** History and appreciation of the art of black Americans with emphasis on painting, sculpture, architecture, and other plastic art forms. (Same as Aas 395). (3)

## Specific Media

**376. HISTORY OF PHOTOGRAPHY.** Study of the technical and expressive evaluation of photography from Dauguerre to the present. (3)

**378. HISTORY OF PRINTMAKING.** Graphic art in Western Europe, the United States, and Asia from the 15th century to the recent past. (3)

## Non-Western

- 380. ASIAN ART.** Special topics in the major and minor arts of China, Japan, and India with consideration of religious, historical, and geographical influences. May be repeated once for credit. (3)
- 386. AFRICAN AND AFRICAN AMERICAN ARTS.** Interdisciplinary approach to the continuities between traditional and contemporary African and African American arts, with emphasis on architecture, sculpture, ceramics, textiles, basketry, jewelry, dance, and music. (Same as Aas 386). (3)
- 394. MESOAMERICAN ART.** Interdisciplinary approach to the history of the arts of Mesoamerica, from 1500 B.C.E. to the Spanish conquest, covering Olmec, Maya, Mixtec, and Aztec civilizations. (Same as Anth 394). (3)
- 396. AMERICAN INDIAN ARTS.** Arts of the American Indians in the United States and Canada; emphasis on sculpture, textiles, basketry, leatherwork, beadwork, ceramics, habitations, and oral history. (3)

## Advanced Courses

- 401. RESEARCH AND WRITING IN ART.** Methods of research, bibliography, use, and criticism of source material, individual reports, and presentation of papers. Required of all art history majors and all B.F.A. candidates in the junior year. Prerequisite: AH 201, AH 202. (3)
- 403. ART THEORY AND CRITICISM.** Topics and problems concerning theory and criticism in the arts. Interdisciplinary approach with analysis of specific works of art. (3)
- 406. TOPICS IN ART HISTORY.** Lecture and discussion on art history or art criticism. May focus on a specific artist, style, period, cultural group or technical or methodological problem. Content varies. May be repeated once for credit. Prerequisite: instructor approval required. (3)
- 408. SEMINAR IN ART HISTORY.** Advanced study on an in-depth topic, including individual research and contributions to the seminar group. Content varies. May be repeated once for credit. Prerequisite: instructor approval required. (3)
- 490. SELECTED READINGS: ART HIST. & CRITICISM.** Prerequisite: senior or above standing required, instructor approval required. (1-3)
- 499. COMPREHENSIVE EXAMINATION.** Required of all art history majors. (0)
- 503. ART THEORY AND CRITICISM.** Topics and problems surrounding the nature of aesthetic theory are discussed. Interdisciplinary approach, with analysis of specific works of art. (3)
- 505. TOPICS IN ART HISTORY.** Lecture and discussion on a selected area of art history or art criticism. May focus on a specific artist, style, period, cultural group, or technical or methodological problem. Content varies. May be repeated once for credit. Prerequisite: instructor approval required. (3)
- 508. SEMINAR IN ART HISTORY.** Specific problems in art emphasizing both individual research and contributions to the seminar group on advanced, in-depth topics. Content varies. May be repeated once for credit. Prerequisite: instructor approval required. (3)
- 520. TOPICS IN ANCIENT ART.** Content varies. May be repeated once for credit. (Same as Clc 523). (3)
- 530. TOPICS IN MEDIEVAL ART.** Content varies. May be repeated once for credit. (3)
- 540. TOPICS IN EARLY MODERN ART.** Content varies. May be repeated once for credit. (3)
- 541. ITALIAN RENAISSANCE ART.** Major developments in the graphic arts, painting, sculpture, and architecture in Italy from the Dugento (13th century) through 16th century "Mannerism." (3)
- 543. NORTHERN RENAISSANCE ART.** A study of graphic arts, painting, sculpture, and architecture in Germany, France, and the Netherlands from 14th through the 16th centuries including "Mannerism." (3)
- 545. BAROQUE AND ROCOCO ART AND ARCHITECTURE.** History and analysis of European art from the 17th century to the French Revolution. (3)
- 550. TOPICS IN MODERN ART: EUROPE AND AMERICA** Content varies. May be repeated once for credit. (3)
- 551. 19TH-CENTURY EUROPEAN ART.** An examination of the major European art styles from Neoclassicism through Post-Impressionism. (3)
- 555. 20TH CENTURY ART.** A study of 20th-century American and European art. (3)
- 557. MODERN ARCHITECTURE & INDUSTRIAL DESIGN.** The development of 19th and 20th century architectural and industrial design in Europe and America with emphasis upon new materials and engineering. (3)

- 559. CONTEMPORARY ART AND ARCHITECTURE.** Contemporary art with special emphasis in American and European art. (3)
- 560. TOPICS IN AMERICAN ART.** Content varies. May be repeated once for credit. (3)
- 561. AMERICAN ART TO 1900.** History of American painting, sculpture, architecture, interiors, furniture, and other decorative arts and folk art from the Colonial period to 1900. (3)
- 565. SOUTHERN FOLK ARTS.** Interdisciplinary approach to the history of folk arts in the Southern United States. Emphasis on field research and development of exhibits. (3)
- 566. HIST. OF SOUTHERN ART & DECORATIVE ARTS.** Southern painting, sculpture, printmaking, and decorative arts from 18th-century seaboard culture to the present. Course will stress indigenous Southern characteristics and adaptation of imported styles and attitudes. (3)
- 567. SOUTHERN ARCHITECTURE AND INTERIORS.** Southern architecture and interiors from 18th-century seaboard culture to the present. Course will stress indigenous Southern characteristics and adaptation of imported styles and attitudes. (3)
- 569. SURVEY OF BLACK AMERICAN ART.** History and appreciation of the art of black Americans with emphasis on painting, sculpture, architecture, and other plastic art forms. (3)
- 578. HISTORY OF PRINTMAKING.** Graphic art in Western Europe, the United States, and Asia from the 15th century to the present. (3)
- 586. AFRICAN AND AFRICAN AMERICAN ARTS.** Interdisciplinary approach to the continuities between traditional and contemporary African and African American arts, with emphasis on architecture, sculpture, ceramics, textiles, basketry, jewelry, dance, and music. (3)
- 594. MESOAMERICAN ART.** Interdisciplinary approach to the history of the arts of Mesoamerica, from 1500 B.C.E. to the Spanish conquest, covering Olmec, Maya, Mixtec, and Aztec civilizations. (3)

**ASTRONOMY** See *the Department of Physics and Astronomy.*

**AUDIOLOGY** See *the Department of Communication Sciences and Disorders.*

## **BIOLOGY**

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Paul K. Lago, Chair, 214 Shoemaker Hall

<http://www.olemiss.edu/depts/biology/>

**ADVISERS AND STUDENTS NOTE:** Every biology course requires a grade of C or better in all prerequisite courses, including those prerequisite courses from other departments. For example, Bisc 160 and Bisc 161 must be passed with a grade of C or better before Bisc 162 and Bisc 163 may be taken. In addition, Bisc 160, 161, 162, and 163 must be passed with a grade of C or better before any additional biology course at the 300 level or above is attempted.

### **BIOLOGICAL SCIENCE-BISC**

**100. INTRODUCTION TO THE STUDY OF BIOLOGY.** A one hour credit course for students in the biology learning community. This course will explore various aspects of the biological sciences, academic support services, and introduce students to departmental faculty and careers. (1)

**102. INQUIRY INTO LIFE HUMAN BIOLOGY.** A survey course intended for nonbiology majors, introducing basic principles and emphasizing the function of the human body, including diseases, cellular process, respiration, muscular system, reproduction, development, immunity, and inheritance. Will not count for credit if Bisc 160 is counted. Applies to the science requirement of the core curriculum. Associated laboratory is Bisc 103. (3)

**103. INQUIRY INTO LIFE LABORATORY I.** Laboratory to accompany Bisc 102. Bisc 102 and 103 together are applicable to the laboratory science requirements of core curriculum. Will not count for credit if Bisc 161 is counted. (1)

**104. INQUIRY INTO LIFE: THE ENVIRONMENT.** A survey course intended for nonbiology majors, emphasizing the relationships of humans to the environment, including origins and diversification of life, behavior, ecology, role of plants, and environmental concerns. Applies to the science requirement of the core curriculum. Associated laboratory is Bisc 105. Will not count for credit if Bisc 162 is counted. Prerequisite: Bisc 102. (3)

**105. INQUIRY INTO LIFE LABORATORY II.** Laboratory to accompany Bisc 104. Bisc 104, 105 together are applicable to the laboratory science requirement of core curriculum. Will not count for credit if Bisc 163 is counted. Corequisite: Bisc 104. (1)

**160. BIOLOGICAL SCIENCES I.** A comprehensive treatment of the major principles of modern biology, including the scientific method, essential chemistry, cellular organization and physiology, genetics, and evolution. Intended primarily for biology majors and minors, and other science majors, including pre-professional biomedical and pharmacy students. Applies to the science requirement of the core curriculum. Corequisite: Bisc 161. Prerequisite: ACT score of 22 in Math (SAT 510) or College Algebra with a grade of A or B. (3)

**161. BIOLOGICAL SCIENCES I LABORATORY.** Laboratory to accompany Bisc 160. Corequisite: Bisc 160. (1)

**162. BIOLOGICAL SCIENCES II.** Continuation of Bisc 160. A comprehensive treatment of the major principles of modern biology, including a general consideration of embryonic development, anatomy and physiology of plant and animals, principles of ecology and a survey of biodiversity. Intended primarily for biology majors and minors, and other science majors, including pre-professional biomedical and pharmacy students. Applies to the science requirement of the core curriculum. Corequisite: Bisc 163. Prerequisite: Bisc 160, Bisc 161. (3)

**163. BIOLOGICAL SCIENCES II LABORATORY.** Laboratory to accompany Bisc 162. Corequisite: Bisc 162. (1)

**164. HONORS RECITATION I.** Amplification of the principles covered in Bisc 160 and 161. Corequisite: Bisc 160, Bisc 161. Prerequisite: Limited to students in the Sally McDonnell Barksdale Honors College. (1)

**165. HONORS RECITATION II.** Amplification of the principles covered in Bisc 162 and 163. Corequisite: Bisc 162, Bisc 163. Prerequisite: Limited to students in the Sally McDonnell Barksdale Honors College. (1)

**206. HUMAN ANATOMY AND PHYSIOLOGY.** (Nonmajors only). Structure and function of the human body; for pre-nursing, pre-medical record administration, and other paramedical students. (3 lecture, 2 lab hours). (4)

**207. HUMAN ANATOMY AND PHYSIOLOGY.** Continuation of Bisc 206. May not be counted toward a major or minor in the Department of Biology. (3 lecture, 2 lab hours). Prerequisite: Bisc 206. (4)

**210. PRINCIPLES OF MICROBIOLOGY.** An introductory course in microbiology emphasizing sanitation, disease, food, and industrial microbiology. The course is designed for students in health-related studies such as pre-nursing, nutrition, and pre-dental hygiene. Applies to the laboratory science requirement of the core curriculum. May not be counted toward a major or minor credit in the Department of Biology. (3 lecture, 1 lab). (4)

**220. NATURAL RESOURCE MANAGEMENT.** A study of the natural resources of tropical regions with emphasis on forestry, agriculture, wildlife management, coastal development, and multi-use planning. May not be counted for a major or minor in biology. (3-6)

**300. RESEARCH METHODS IN BIOLOGY.** Examinations of discovery approaches used in the biological sciences, development of scientific theory, strengths and weaknesses of different research methods, basic concepts of biometry and experimental design, library skills, funding, publications, peer review, and ethics. (3)

**301. EVOLUTION.** An introduction to the basic principles of evolutionary biology, including genetic drift, fitness, natural selection, speciation, the origin of variation, biodiversity, biogeography and genomic evolution. (3)

**306. VIROLOGY.** Fundamental biology and biochemistry of bacterial, animal, and plant viruses. (3)

**318. BOTANY.** Basic botany for majors, minors, and pre-professional students. (4)

**320. INTRODUCTORY MARINE BIOLOGY.** Principles of marine biology, ecology, distribution, and physiology of marine organisms. (3)

**321. INTRODUCTORY AQUATIC BIOLOGY.** Principles of freshwater biology with emphasis on factors affecting ecology and populations in diverse aquatic environments. (2 lecture, 3 lab hours). (3)

**322. GENERAL ECOLOGY.** Basic principles of ecology of plants and animals. (3 lecture, 2 lab hours). (4)



- 327. INTRODUCTORY NEUROSCIENCE.** Introduction to how nerve cells work singly and in concert to guide animal behavior. A comparative approach to understand how brains have evolved to allow animals to perceive stimuli, maintain cycles of arousal, adopt particular mating strategies, learn and guide behavior and communicate. (3)
- 329. BIOLOGY OF FISHES.** Systematics, ecology, and morphology of fishes. (4)
- 330. INTRODUCTORY PHYSIOLOGY.** Survey of mammalian physiology. (3 lecture, 2 lab hours). Prerequisite: Chem 105, Chem 106. (4)
- 331. COMPARATIVE ANATOMY OF THE VERTEBRATES.** Anatomy and evolutionary development of vertebrates. (3 lecture, 3 lab hours). (4)
- 332. COMPARATIVE EMBRYOLOGY OF VERTEBRATES.** Principles of morphogenesis and evolution of selected vertebrates. (3 lecture, 3 lab hours). Prerequisite: Bisc 331. (4)
- 333. GENERAL MICROBIOLOGY.** Morphology, taxonomy, ecology, physiology of bacteria and related microorganisms; basic techniques. Prerequisite: Chem 105, Chem 106. (4)
- 334. ORNITHOLOGY.** Taxonomy, ecology, and biology of birds. (4)
- 335. HUMAN REPRODUCTION.** Physiological and endocrinological information basic to understanding human reproductive processes. (3)
- 336. GENETICS.** Basic principles of the patterns of inheritance and mechanisms of gene action. Classical, molecular, and population genetics introduced. (4)
- 337. INTRODUCTORY ENTOMOLOGY.** Basic entomology for majors: insect morphology, ecology, taxonomy, physiology, and bionomics. (4)
- 338. INVERTEBRATE ZOOLOGY.** The anatomy, life cycles, habitats, and evolution of animals of the major phyla are stressed. The insects will be presented only to the extent needed for recognition. (3 lecture, 2 lab hours). (4)
- 339. PHYCOLOGY.** Phylogeny, morphology, physiology, and ecological relationships of algae. (4)
- 342. PLANT DIVERSITY.** Examination of processes and patterns underlying plant diversification, including a survey of the evolution of major groups and associated dynamics of life history and morphology. (4)
- 345. SYMBIOSIS: FROM PARASITISM TO MUTUALISM.** Ecology and evolution of symbiosis. (3)
- 350. MAMMALOLOGY.** Anatomy, physiology, behavior, and evolutionary history of mammals. (2 lecture, 2 lab hours). (3)
- 370. INTRODUCTORY MOLECULAR GENETICS.** An introductory course emphasizing structure and function of DNA. The molecular biology of human genetics is introduced. (3)
- 380. TOPICS IN BIOLOGY ABROAD.** Biology course intended for study abroad. May be repeated for credit with chair's permission for no more than 8 hours cumulative credit. Prerequisite: instructor approval required. (1-8)
- 413. CONSERVATION BIOLOGY.** Investigation of the value of biodiversity, the impact of the growing human population on ecosystems, and approaches to preventing the extinction of species. (3)
- 414. IMMUNOLOGY AND SEROLOGY.** Principle of humoral and cellular immune response; physiological and molecular bases of immune mechanisms. (3)
- 415. VERTEBRATE HISTOLOGY.** Structure of principal tissue types and organ systems. Prerequisite: Bisc 330. (4)
- 416. ELEMENTARY PARASITOLOGY.** Introduction to parasitic groups, collection, identification, and preservation of specimens. (2 lecture, 4 lab hours). (4)
- 418. INTRODUCTION TO MOLECULAR SYSTEMATICS.** A comprehensive survey of the theory and methodology of molecular systematics as applied to all groups of organisms, with practical experience in the analysis of molecular data. Prerequisite: Bisc 336. (4)
- 435. RESEARCH IN FRESHWATER BIOLOGY.** Undergraduate research experience in freshwater systems, emphasizing research study design, quantitative and descriptive methods, and instrumentation for analysis of physical, chemical, and biological samples; use of computers in data acquisition, analysis, and interpretation; fundamentals of research report preparation and presentation. (2 lecture, 6 lab hours). (4)
- 436. HUMAN AND VERTEBRATE GENETICS.** The genetics of human and vertebrate species will be explored using classical, molecular, genomic, and evolutionary comparative approaches. Bioethics and genetic counseling will also be covered. Prerequisite: Bisc 336. (3)
- 440. CELL AND MOLECULAR BIOLOGY.** A study of molecules and biochemical processes essential to life: emphasis on the vital molecular mechanisms in mammals. Prerequisite: Bisc 336, Chem 105, Chem 106, Bisc 330 or Phcl 344. (4)

- 441. TROPICAL BOTANY.** Field survey of the plants of tropical ecosystems with discussions regarding tropical plant diversity, ecology, and rain forest dynamics. Prerequisite: instructor approval required. (4)
- 445. INTRODUCTION TO CORAL-REEF ECOLOGY.** Field studies of the principles of coral reef ecology including a survey of the organisms and discussions of factors affecting reef communities. Prerequisite: instructor approval required. (4)
- 446. FISHES OF THE TROPICS.** Field surveys of the fishes inhabiting marine and coastal waters of the tropics. Topics to include systematics, ecology, physiology, and morphology of fishes. Prerequisite: instructor approval required. (4)
- 447. NEOTROPICAL FOREST HERPETOLOGY.** Field studies on the biology of amphibians and reptiles of tropical ecosystems with emphasis on rain forest and upland pine forest habitats. Prerequisite: instructor approval required. (4)
- 448. TROPICAL STUDIES IN BIOLOGY.** Field of studies of ecology and biogeography of tropical ecosystems with emphasis on vertebrates as models for population, genetic, biodiversity and ecosystem integrity studies. Prerequisite: instructor approval required. (4)
- 449. TROPICAL INVERTEBRATE BIOLOGY.** Field surveys of the insects and arachnids of the neotropics with emphasis on behavior and ecology of major groups. Prerequisite: instructor approval required. (4)
- 450. TROPICAL ORNITHOLOGY.** Field surveys of tropical birds with discussions of behavior and ecology of birds. Prerequisite: instructor approval required. (4)
- 451. ECOTOXICOLOGY.** This course will explore the broad conceptual framework for evaluating the effects of chemicals on organisms, populations ecosystems and the effect on the global environment. Prerequisite: Bisc 322, Bisc 330. (3)
- 479. SPECIAL TOPICS IN BIOLOGY.** Advanced topics in biology. Topics may vary. This course may be repeated once for credit with a different topic. (1-3)
- 491. DIRECTED STUDY IN BIOLOGICAL SCIENCES I.** Independent research project of mutual student/faculty interest conducted under the supervision of biology faculty. Requirements include a research paper and/or presentation. Students must contact a faculty sponsor before enrollment. May be repeated for up to 3 hours cumulative credit. (Two hours per week per credit hour attempted). Prerequisite: instructor approval required. (1-3)
- 492. DIRECTED STUDY IN BIOLOGICAL SCIENCES II** Similar to Bisc 491 except that the credit hours cannot be applied to the degree requirements of a major or minor in biology. Prerequisite: Bisc 491, instructor approval required. (1-3)
- 498. MAJOR FIELD ACHIEVEMENT TEST.** Students take the biology MFAT, a nationally applied test to evaluate basic knowledge and understanding gained in the undergraduate biology curriculum. Required for graduation as a biology major. No grade. (0)
- 499. LISTING FOR INDIVIDUAL BASIS COURSES.** . (1-6)
- 502. MYCOLOGY.** Fungi of economic importance; their distribution, biology, and control; collection, identification, and nutrition. (4)
- 504. BIOMETRY.** A biology course on design of biological experiments and analysis of biological data using parametric and nonparametric methodology through multivariate analysis, emphasizing use of mainframe and microcomputer and analytical packages. Prerequisite: Math 121, 15 hours of Bisc courses. (3)
- 505. AQUATIC MICROBIOLOGY.** Principles and applications of the microbiology of lakes, reservoirs, streams, oceans, and sewage treatment processes. Prerequisite: Bisc 333. (4)
- 509. MICROBIAL GENETICS.** Genetics and molecular biology of bacteria and viruses. Prerequisite: Bisc 333. (4)
- 510. THEORETICAL ECOLOGY.** Advanced course in ecology emphasizing modern conceptual and mathematical models of ecological phenomena. Students will use the computers in the simulation of the above processes. Prerequisite: Bisc 322, Math 121. (3)
- 511. APPLIED MICROBIOLOGY.** Applications of microorganisms in industry, agriculture, food and beverage production, wastewater treatment, bihydrometallurgy, and bioremediation of environmental pollutants. Prerequisite: Bisc 333. (4)
- 512. ANIMAL BEHAVIOR.** The significance of the behavior of animals with emphasis on current evolutionary and ecological approaches. Topics include genetics of behavior, adaptation, fitness, behavioral polymorphism, and communication. Prerequisite: Bisc 322. (4)
- 513. LIMNOLOGICAL METHODS.** Field and laboratory techniques in freshwater ecology. (1 lecture, 4 lab hours). (3)

- 514. POPULATION GENETICS.** Basic principles of the factors that influence the genetic composition of natural and artificial populations. Topics covered will include selection, migration, mutation, genetic drift, mating systems, and quantitative genetics. Prerequisite: Bisc 336, Math 121. (3)
- 515. CONSERVATION BIOLOGY: VIABLE POPULATIONS** A course on the genetics, evolution, and population ecology of endangered and threatened species of plants and animals. The course will concentrate on the application of theory to predicting population viability and preventing extinction. Prerequisite: Bisc 322, Bisc 336, Math 121. (3)
- 516. PLANT PHYSIOLOGY.** Growth and development in plants; emphasis on assimilation, chemical control of growth, and environmental physiology. (3 lecture, 2 lab hours). Prerequisite: Chem 105, Chem 106. (4)
- 518. MICROTECHNIQUE.** Techniques of fixing, embedding, sectioning, and staining tissue. Prerequisite: Bisc 415 or consent of instructor. (4)
- 519. PHYSIOLOGY OF AQUATIC ANIMALS.** The physiology and physiological adaptations of aquatic animals, with emphasis on freshwater animals. Prerequisite: Bisc 330. (4)
- 520. MEDICAL MICROBIOLOGY.** The nature of infectious microorganisms with emphasis on mechanisms of pathogenicity and epidemiology. Prerequisite: Bisc 333. (3)
- 521. CELL PHYSIOLOGY.** Basic principles and practices of molecular and cellular physiology. (3 lecture, 2 lab hours). Prerequisite: Bisc 330, Chem 221, Chem 222. (4)
- 522. MICROBIAL ECOLOGY.** Factors that govern the interrelationships between microorganisms and their environments, including microbial energetics, nutrient cycles, aquatic and terrestrial environments, microbial interfaces, methodology. Prerequisite: Bisc 333. (3)
- 523. MOLECULAR MICROBIOL. OF SOILS & SEDIMENT** A course emphasizing habitats and microorganisms found in the soil and sediments and their relationship to soil management, agricultural production, and environmental quality. (3)
- 524. AQUATIC BOTANY.** Ecology and physiology of vascular plants occurring in fresh water. (4)
- 525. CONSERVATION AND RESTORATION ECOLOGY.** Addresses the efficacy of applying principles of population, community, and landscape ecology to the design, restoration, management, and protection of biological reserves. (3)
- 526. SURVEY OF THE AMPHIBIA.** An introduction to the taxonomy, morphology, and evolution of salamanders, frogs, and caecilians. May not be counted for credit if Bisc 546 or Bisc 640 is counted. (3)
- 527. SURVEY OF THE REPTILIA.** An introduction to the taxonomy, morphology, and evolution of crocodylians, snakes, lizards, amphisbaenians, and turtles. May not be counted for credit if Bisc 641 is counted. (3)
- 528. PRINCIPLES OF DEVELOPMENTAL BIOLOGY.** Study of the development of animals and plants, with emphasis on the molecular genetic basis of developmental events. Fundamental questions, concepts, and methodologies of inquiry into genetic and cellular mechanisms of development will be explored. Prerequisite: Bisc 440. (4)
- 529. ENDOCRINOLOGY.** Vertebrate endocrine systems. Prerequisite: Bisc 330, Chem 221, Chem 222. (4)
- 530. ADVANCED FIELD STUDY IN ECOLOGY.** Extended field trip experience illustrating ecological principles, biological diversity, and major biotic regions; may be repeated for credit if topic changes. Prerequisite: Bisc 322, instructor approval required. (4)
- 531. PLANT MORPHOLOGY.** Development and life histories of major plant groups: emphasis on vascular plants. Prerequisite: any 300-level or above Bisc course. (4)
- 532. PLANT TAXONOMY.** Survey of the diversity of vascular plants of the world, including their historical and modern classification, nomenclature, and identification. Prerequisite: Bisc 318. (4)
- 533. ADVANCED NEUROSCIENCE.** In-depth exploration of core tenets of neuroscience. Lectures followed by discussion of seminal or recent papers related to lecture topics. Prerequisite: Bisc 327 & (Bisc 330 or 331); OR B min in Psy 319; OR graduate standing. (3)
- 534. FRESHWATER INSECTS.** Identification and biology of insects associated with fresh water. (2 lecture, 4 lab hours). Prerequisite: Bisc 337. (4)
- 542. MICROBIAL DIVERSITY.** Ecology, physiology, and taxonomy of microorganisms isolated from natural habitats. Prerequisite: Bisc 333. (4)
- 543. FUNCTIONAL NEUROANATOMY.** An in-depth examination of the structure and function of the vertebrate central nervous system. Prerequisite: Bisc 327 & (Bisc 330 or 331); OR B min in Psy 319; OR graduate standing. (3)

- 545. MICROBIAL PHYSIOLOGY.** Biochemical processes of microbial cells. Prerequisite: Bisc 333. (4)
- 546. HERPETOLOGY.** Studies on the systematics, morphology, evolution, and natural history of amphibians and reptiles. (2 lecture, 4 lab hours). (May not be counted for credit if Bisc 548 and 549 are counted). (4)
- 547. ADVANCED HISTOLOGY.** Essential features of microscopic anatomy and development of selected tissues and organs. Prerequisite: Bisc 415. (4)
- 550. BIOLOGICAL OCEANOGRAPHY.** Course examines the biota of the world's oceans and its relationship to the abiotic environment. Physical, chemical, and geological aspects of oceanography also will be considered. Prerequisite: 16 hours of 300-level or above Bisc courses. (4)
- 551. PROTOZOOLOGY.** Structure, reproduction, growth, collection, and methods of culture of protozoa organisms. Prerequisite: instructor approval required. (4)
- 553. COMPARATIVE ANIMAL PHYSIOLOGY.** Comparative and integrative investigation of the structure and mechanisms of the physiological systems of animals. Emphasis on adaptive strategies expressed in physiological systems. Prerequisite: Bisc 330. (3)
- 554. ECOLOGICAL PHYSIOLOGY.** Systemic function of organisms in relation to the natural environment. (4)
- 555. RADIATION BIOLOGY.** Effects of radiation on living material at all levels of organization. (3 lecture, 2 lab hours). Prerequisite: instructor approval required. (4)
- 566. EVOLUTIONARY BIOLOGY.** Lectures and assigned readings on modern evolutionary theories, with emphasis on speciation and processes operating at the population level of organization. Prerequisite: 15 hours of Bisc courses. (3)
- 567. EVOLUTIONARY BIOLOGY LABORATORY.** Laboratory to accompany Bisc 566. (2 lab hours). Corequisite: Bisc 566. Prerequisite: 15 hours of Bisc courses. (1)
- 571. HISTORY OF BIOLOGY.** (3)
- 579. ADVANCED TOPICS IN BIOLOGY.** Advanced topics in biology for both graduate and undergraduate students. Topics may vary. This course may be repeated once for credit with a different topic. Prerequisite: Bisc 160, Bisc 161, Bisc 162, Bisc 163. (1-3)

## Study Abroad Courses

The following biology courses will be taught overseas periodically and depending on faculty availability and enrollment. Students will be required to pay a fee for each course and to provide their own travel. All courses except Bisc 220 will count for credit for the B.A. and B.S. in biological science. Students must have consent of instructor for all study abroad courses.

- 220. NATURAL RESOURCE MANAGEMENT.** A study of the natural resources of tropical regions with emphasis on forestry, agriculture, wildlife management, coastal development, and multi-use planning. May not be counted for a major or minor in biology. (3-6)
- 380. TOPICS IN BIOLOGY ABROAD.** Biology course intended for study abroad. May be repeated for credit with chair's permission for no more than 8 hours cumulative credit. Prerequisite: instructor approval required. (1-8)
- 441. TROPICAL BOTANY.** Field survey of the plants of tropical ecosystems with discussions regarding tropical plant diversity, ecology, and rain forest dynamics. Prerequisite: instructor approval required. (4)
- 446. FISHES OF THE TROPICS.** Field surveys of the fishes inhabiting marine and coastal waters of the tropics. Topics to include systematics, ecology, physiology, and morphology of fishes. Prerequisite: instructor approval required. (4)
- 447. NEOTROPICAL FOREST HERPETOLOGY.** Field studies on the biology of amphibians and reptiles of tropical ecosystems with emphasis on rain forest and upland pine forest habitats. Prerequisite: instructor approval required. (4)
- 448. TROPICAL STUDIES IN BIOLOGY.** Field of studies of ecology and biogeography of tropical ecosystems with emphasis on vertebrates as models for population, genetic, biodiversity and ecosystem integrity studies. Prerequisite: instructor approval required. (4)
- 449. TROPICAL INVERTEBRATE BIOLOGY.** Field surveys of the insects and arachnids of the neotropics with emphasis on behavior and ecology of major groups. Prerequisite: instructor approval required. (4)

**450. TROPICAL ORNITHOLOGY.** Field surveys of tropical birds with discussions of behavior and ecology of birds. Prerequisite: instructor approval required. (4)

**BOTANY** See the *Department of Biology*.

## **BUSINESS ADMINISTRATION**

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Kendall B. Cyree, Dean

### **BUS**

**220. STARTING AND BUILDING YOUR BUSINESS.** Students will develop skills and knowledge of planning processes required for a start-up business. (3)

**230. ECONOMIC STATISTICS I.** Statistical decision-making, parameters, probability, sampling inference and testing, comparative experiments, linear correlation, and time series analysis. Prerequisite requirements for this course may also be satisfied by consent of instructor. (Same as Econ 230). Prerequisite: C minimum in Math 261 or Math 267 or Math 271. (3)

**250. LEGAL ENVIRONMENT OF BUSINESS.** The legal environment of business and organizations with emphasis on current social, political, and ethical forces influencing the law of business, particularly business contracts and agency relationships. (3)

**271. BUSINESS COMMUNICATION.** An oral and written applications-oriented communication course for managers; developing and writing of reports, oral briefings of business issues and multimedia presentations. Prerequisite: Engl 102 or Liba 102 or Hon 102. (3)

**301. INTRODUCTION TO PETROLEUM LAND MGMT.** Petroleum industry overview; formation, migration and accumulation of reserves; land acquisition process and management. (3)

**302. BUSINESS STATISTICS II.** Sampling, parametric and nonparametric testing, multiple regression and correlation, experimental design, Bayesian statistics. (Same as Econ 302). Prerequisite: minimum grade of C in Econ 230 or Bus 230. (3)

**308. OPERATIONS RESEARCH.** (Same as Econ 308). (3)

**310. OIL AND GAS LAW.** Basics of oil and gas production, mineral interests and ownership, rights and obligations under oil and gas leases, royalty calculations, oil and gas conservation practices, severance and special profit taxes, environmental controls. (3)

**320. PERSONAL BUSINESS MANAGEMENT.** This course is designed to enhance student's oral and written communication skills with emphasis on producing a quality resume or application for graduate work and developing interviewing, personal finance, and career planning skills. (3)

**321. INTERNATIONAL BUSINESS.** An integrated, multifunctional survey course defining the basic terminology of international business, with emphasis on an introduction to how national differences affect the business functions. (3)

**380. TOPICS IN BUSINESS ABROAD.** The study of business topics across national and cultural boundaries. Students examine the nature and framework of international business transactions as well as the impact of social and cultural factors in international business. May be repeated with permission of the dean. (1-6)

**390. BUSINESS CAREER PLANNING.** Assists business students in making the transition from the academic community to the work environment. Students will be provided with career and self-assessment information from which they can make independent decisions on future career directions. Required for graduation as a business major. No grade. (0)

**400. SPECIAL TOPICS IN BUSINESS.** A seminar for special topics in business, either for discussion or for individual research projects. (1-6)

**420. EXPERIENCE BUSINESS.** Students admitted to the School of Business Administration will participate in this course to enhance oral and written communication skills with emphasis on producing a quality resume or application for graduate work, interviewing skills, personal finance and career planning. Z grade. (2)

**500. BUSINESS INTERNSHIP.** Internship open to business students of junior or senior standing or to MBA students. A business field experience of at least 10 weeks of full-time employment is required. MBA students may not use this course to satisfy either a core or elective requirement. (May be repeated once). Z grade. (3)

## BUSINESS STUDIES

**311. FUNDAMENTALS OF OIL AND GAS LEASING.** Examination of common oil and and gas leases, maintaining leases, title searches and title curatives, operating and farm-out agreements, lease brokering, top leasing, ethical problems, offshore leasing. (3)

## CHEMICAL ENGINEERING

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Clint W. Williford, Chair, 134 Anderson Hall

[http://www.olemiss.edu/depts/chemical\\_eng/](http://www.olemiss.edu/depts/chemical_eng/)

### CH E

**103. INTRODUCTION TO CHEMICAL ENGINEERING I.** Careers in engineering; basic computer skills; simple graphical analysis; units and conversations. (1)

**104. INTRODUCTION TO CHEMICAL ENGINEERING II.** Introductory concepts in engineering statistics, ethics, and economics. (1)

**307. CHEMICAL PROCESS PRINCIPLES I.** Steady state material balances; stoichiometry; equations of state; solid-liquid phase equilibrium. Prerequisite: Chem 105 with minimum grade of C, Math 261 with minimum grade of C. (2)

**308. CHEMICAL PROCESS PRINCIPLES II.** Steady state energy balances; introduction to process simulation. Prerequisite: Ch E 307, Math 262 with minimum grade of C. (2)

**309. INTRO TO CHEMICAL ENGINEERING DESIGN.** Project work in chemical engineering design. (2)

**313. MODELING AND SIMULATION I.** Applications of analytical, numerical, and statistical techniques in the design and modeling of chemical process systems. Prerequisite: Math 353. (3)

**314. MODELING AND SIMULATION II.** Continuation of Ch E 313. Prerequisite: Ch E 313. (3)

**317. PROCESS FLUID DYNAMICS AND HEAT TRANSFER** Macroscopic momentum balances, piping system design; drag coefficients, fluidization, macroscopic energy balances, heat transfer coefficients, heat exchanger design, unsteady/two-dimensional heat transfer. Prerequisite: Engr 322. (3)

**345. ENGINEERING ECONOMY.** Time value of money, depreciation, cost estimation, return of investment; risk and selecting alternatives. (2)

**407. CHEMICAL ENGINEERING PROJECTS I.** Specific topic investigated by each student; report due at the end of each semester. (1-3)

**408. CHEMICAL ENGINEERING PROJECTS II.** Specific topic investigated by each student; report due at the end of each semester. (1-3)

**411. CHEMICAL ENGINEERING SEMINAR.** Oral presentation of engineering results. (1)

**417. SEPARATION PROCESSES.** Equilibrium-stage and mass transfer processes; distillation, adsorption, extraction, membrane separations. Prerequisite: Ch E 317, Ch E 421. (4)

**421. CHEMICAL ENGINEERING THERMODYNAMICS.** Property estimation; phase and chemical equilibria and multicomponent systems. Prerequisite: Math 264, Engr 321. (3)

**423. CHEMICAL REACTOR ANALYSIS AND DESIGN.** Reaction mechanisms, rate expressions; reactor design. Prerequisite: Ch E 308 with minimum grade of C, Engr 322 with minimum grade of C. (3)

**445. CHEMICAL ENGINEERING LAB I.** Design, performance, and reporting of experiments. Corequisite: Ch E 317. (2)

**446. CHEMICAL ENGINEERING LAB II.** Use of pilot plant data to design industrial scale units. Corequisite: Ch E 417. (2)

**451. PLANT DESIGN I.** Design of chemical processes and plants. Prerequisite: Ch E 317, Ch E 421. (3)

**452. PLANT DESIGN II.** Continuation of Ch E 451. Prerequisite: Ch E 417, Ch E 451. (3)

**511. PROCESS DYNAMICS AND CONTROL.** Modeling of transient systems; design of feedback control systems. Prerequisite: Math 353 or graduate standing. (3)

**513. SPECIAL TOPICS IN CHEMICAL ENGINEERING.** May be repeated for credit. (1-3)

**515. RESEARCH SEMINAR.** Philosophy and principles of engineering research. May not be used to satisfy requirements for a B.S. degree in chemical engineering. Z grade. (1)

**520. BIOCHEMICAL ENGINEERING.** An overview of microbiology and biochemistry. The development of models for microbial kinetics. The design of reactors and auxiliary equipment for microbial systems. (3)

**530. COAL UTILIZATION AND POLLUTANTS CONTROL.** The structure, properties, reactivities, and utilization and conversion technologies of coal. Emphasis will be placed on combustion and its environmental issues. (3)

**541. APPL OF CHEMICAL INSTRUMENTATION I.** Theory, use, and limitations of spectroscopic and chromatographic methods of sample analysis. (3)

**542. APPL OF CHEMICAL INSTRUMENTATION II.** Theory, use, and limitations of spectroscopic and chromatographic methods of sample analysis. (3)

**545. COLLOID AND SURFACE SCIENCE.** Fundamental concepts of colloid and surface science. (3)

**560. ADVANCED TRANSPORT PHENOMENA I.** Development and use of the equations of conservation of mass, energy, and momentum in continuous materials. The use of detailed and integral balances. (3)

**561. ADVANCED TRANSPORT PHENOMENA II.** Development and use of the equations of conservation of mass, energy, and momentum in continuous materials. Prerequisite: Ch E 560 or graduate standing. (3)

**593. GRADUATE PROJECTS IN CHEMICAL ENGR.** Individual design or research projects for chemical engineering students in the nonthesis M.S. program. Z grade. (1-3)

## CHEMISTRY AND BIOCHEMISTRY

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Charles L. Hussey, Chair, 322 Coulter Hall

<http://www.olemiss.edu/depts/chemistry/>

### CHEM

**101. CHEMICAL CONCEPTS.** Introduction to the basic concepts and mathematical tools needed to study and understand basic chemistry. Recommended for students who intend to complete the Chem 105/106/115/116 sequence, but may need additional preparation in chemistry. (3 lecture, 3 lab hours) May not be used for major or minor credit. (4)

**103. SURVEY OF CHEMISTRY I.** Overview of chemistry for the nonmajor. This course satisfies laboratory science requirements of the core curriculum when taken in conjunction with Chem 113. May not be used for major or minor credit. (3)

**104. SURVEY OF CHEMISTRY II.** Continuation of Chem 103. This course satisfies laboratory science requirements of the core curriculum when taken in conjunction with Chem 114. May not be used for major or minor credit. Prerequisite: Chem 103. (3)

**105. GENERAL CHEMISTRY I.** Atomic and molecular structure, stoichiometry, solutions, physical properties of gases, liquids, and solids, chemical bonding, kinetics, thermodynamics and equilibrium, acid-base chemistry and the descriptive chemistry of the elements. Prerequisite: [Minimum ACT Mathematics score of 22 (SAT 510)] or [B minimum in Math 121] or [B minimum in Math 125]. (3)

**106. GENERAL CHEMISTRY II.** Continuation of Chem 105. Prerequisite: Chem 105 with minimum grade of C. (3)

**107. HONORS RECITATION I.** Amplification of the topics covered in Chem 105. Corequisite: Chem 105. (1)

**108. HONORS RECITATION II.** Amplification of the topics covered in Chem 106. Corequisite: Chem 106. Prerequisite: Limited to students in the Sally McDonnell Barksdale Honors College. (1)

**113. SURVEY OF CHEMISTRY LABORATORY I.** Students who withdraw from Chem 103 or Chem 201 must withdraw from Chem 113. (3 lab hours). Corequisites: Chem 103 or Chem 201. (1)

**114. SURVEY OF CHEMISTRY LABORATORY II.** Students who withdraw from Chem 104 or Chem 202 must withdraw from Chem 114. (3 lab hours). Corequisites: Chem 104 or Chem 202. (1)

**115. GENERAL CHEMISTRY LABORATORY I.** Students who withdraw from Chem 105 must withdraw from Chem 115. Corequisite: Chem 105. (1)

**116. GENERAL CHEMISTRY LABORATORY II.** Students who withdraw from Chem 106 must withdraw from Chem 116. Corequisite: Chem 106. (1)

- 121. FUNDAMENTALS OF ORGANIC CHEMISTRY.** For those requiring a less detailed study of organic chemistry. May not be used for major or minor credit. (3 lecture, 3 lab hours). Prerequisite: [Chem 101 and Chem 102] or [Chem 106 and Chem 116]. (4)
- 201. ENVIRONMENTAL CHEMISTRY I.** Agricultural chemicals, water pollution, essential foods, processed foods, food additives, drugs. Not open to students who have taken first-year chemistry. Not applicable to a major or minor in chemistry. Not acceptable for certification in chemistry of secondary school teachers. When taken in conjunction with Chem 113, satisfies science requirements of the core curriculum. May not be used for major or minor credit. (3)
- 202. ENVIRONMENTAL CHEMISTRY II.** Population growth, nondegradable waste, mineral and energy sources, aerosols, air pollution, consumer chemicals. Not open to students who have taken first-year chemistry. Not applicable to a major or minor in chemistry. Not acceptable for certification in chemistry of secondary school teachers. When taken in conjunction with Chem 114, satisfies science requirements of the core curriculum. Chem 201 is not a prerequisite for Chem 202. May not be used for major or minor credit. (3)
- 221. ELEMENTARY ORGANIC CHEMISTRY I.** Structures and spectroscopy of organic compounds; organic reactions and their mechanisms. Prerequisite: Chem 106. (3)
- 222. ELEMENTARY ORGANIC CHEMISTRY II.** Continuation of Chem 221. Prerequisite: Chem 221 with minimum grade of C. (3)
- 225. ELEMENTARY ORGANIC CHEM. LABORATORY I.** Investigation of organic functional groups; preparation and purification techniques. Students who withdraw from Chem 221 must withdraw from Chem 225. Corequisite: Chem 221. Prerequisite: Chem 116. (1)
- 226. ELEMENTARY ORGANIC CHEM. LABORATORY II.** Continuation of Chem 225. Students who withdraw from Chem 222 must withdraw from Chem 226. Corequisite: Chem 222. Prerequisite: Chem 225. (1)
- 271. BIOCHEMICAL CONCEPTS.** Survey of the chemistry of biochemical molecules and metabolism. May not be used for major or minor credit. Prerequisite: Chem 121 or Chem 221. (3)
- 314. QUANTITATIVE ANALYSIS.** Introduction to the theory and practice of chemical analysis, including acid-base, oxidation-reduction, and precipitation titrations; spectrophotometry; ion-selective electrodes; and chromatography. (2 lecture, 6 lab hours). Prerequisite: Chem 222, Chem 226. (4)
- 331. PHYSICAL CHEMISTRY I.** Thermodynamics and statistical mechanics, kinetics and reaction dynamics. Prerequisite: Chem 222, Math 262, Chem 226, Phys 212 or Phys 214 or Phys 212 or Phys 214. (3)
- 332. PHYSICAL CHEMISTRY II.** Quantum chemistry and molecular orbital theory; spectroscopy. Prerequisite: Chem 331, Math 264. (3)
- 334. BIOPHYSICAL CHEMISTRY.** Introduction to physical and chemical principles applied to biological and life sciences. Prerequisite: Chem 222, Math 262, Phys 212 or Phys 214 or Phys 212 or Phys 214. (3)
- 337. PHYSICAL CHEMISTRY LABORATORY I.** Laboratory course to accompany Chem 332. Corequisite: Chem 331, Chem 332. (1)
- 351. INDIVIDUAL RESEARCH.** Research project conducted by the student under faculty supervision. May be repeated for a maximum of 9 hours of credit. Prerequisite: Chem 222, Chem 226, consent of department chairperson required. (1-3)
- 381. CHEMISTRY FOR TEACHERS I.** Analysis of the concepts and models of chemistry with emphasis on computational skills for school teachers. Appropriate for persons seeking certification as chemistry or science teachers. May not be counted toward a degree in any of the sciences. (3 lecture, 2 lab hours). Prerequisite: consent of department chairperson required. (4)
- 382. CHEMISTRY FOR TEACHERS II.** Analysis of the concepts and models of chemistry with emphasis on computational skills for school teachers. Appropriate for persons seeking certification as chemistry or science teachers. May not be counted toward a degree in any of the sciences. (3 lecture, 2 lab hours). Prerequisite: Chem 381, consent of department chairperson required. (4)
- 383. CHEMISTRY FOR TEACHERS III.** Analysis of the concepts and models of chemistry with emphasis on computational skills for school teachers. Appropriate for persons seeking certification as chemistry or science teachers. May not be counted toward a degree in any of the sciences. (3 lecture, 2 lab hours). Prerequisite: Chem 382, consent of department chairperson required. (4)
- 401. INORGANIC CHEMICAL PRINCIPLES.** Application of physical chemical principles to the study of inorganic systems. Prerequisite: Chem 332. (3)
- 402. INORGANIC CHEMISTRY LABORATORY.** Synthesis, identification and study of the physical and chemical properties of selected inorganic compounds. Prerequisite or corequisite: Chem 401. Students who withdraw from Chem 401 must withdraw from Chem 402. (1)



- 415. COMPUTER METHODS IN CHEMISTRY.** Interfacing of computers to chemical instrumentation; data collection and analysis using computer methods. Prerequisite: Chem 222, Chem 314, Math 262. (3)
- 421. RECITATION IN ORGANIC CHEMISTRY I.** Expansion of material from elementary chemistry courses and transmission of basic concepts to elementary organic chemistry students. Prerequisite: Chem 222, consent of department chairperson required. (1)
- 422. RECITATION IN ORGANIC CHEMISTRY II.** Continuation of Chem 421. Prerequisite: Chem 421 with minimum grade of C, Chem 222, consent of department chairperson required. (1)
- 423. ORGANIC ANALYSIS.** Expanded organic chemistry topics. Development of separation, purification, and identification skills in a problem-solving context. (1 lecture, 3 lab hours). Prerequisite: Chem 222, Chem 226. (2)
- 459. FORENSIC SCIENCE INTERNSHIP.** Internship at a local, state or federal crime laboratory. Z grade. Prerequisite: junior standing required, consent of department chairperson required. (3)
- 463. SENIOR RESEARCH.** Research project conducted by the student under faculty supervision. Written report and either poster presentation or oral seminar presentation required. May be repeated for a maximum of 6 hours of credit. Prerequisite: Chem 226, consent of department chairperson required. (1-3)
- 469. INTRODUCTION TO INSTRUMENTAL ANALYSIS.** Introduction to modern analytical instrumentation including chromatography (GL and HPLC), spectroscopy (atomic absorption, infrared, UV-visible, NMR, and fluorescence), and mass spectrometry. Applications of computer methods for data acquisition. (2 lecture, 6 lab hours). Prerequisite: Chem 314, Chem 331 or Chem 334. (4)
- 470. FORENSIC DNA ANALYSIS.** Introduction to the modern DNA analysis and profiling techniques used by state and federal crime laboratories, including DNA typing, PCR amplification, interpretation of DNA profiles and courtroom testimony. (2 lecture, 6 lab hours). Corequisite: Chem 471. Prerequisite: Chem 469. (4)
- 471. BIOCHEMISTRY I.** Chemistry of biological macromolecules including proteins, carbohydrates, lipids and nucleic acids. Special topics in ligand binding, kinetics, and noncovalent forces. Prerequisite: Chem 222, Chem 226. (3)
- 472. BIOCHEMISTRY LABORATORY.** Introduction to modern analytical techniques used for the separation and characterization of the biochemical macromolecules. (6 lab hours). Corequisite: Chem 471. (2)
- 473. BIOCHEMISTRY II.** Intermediary metabolism, including catabolic and anabolic processes involving carbohydrates, lipids, proteins, and nucleic acids. Prerequisite: Chem 222, Chem 226. (3)
- 512. ADVANCED INSTRUMENTAL ANALYSIS.** Theoretical and experimental treatment of gas and liquid chromatography, Fourier-transform NMR spectroscopy and mass spectrometry. (2 lecture, 3 lab hours). Prerequisite: Chem 469 or graduate standing. (3)
- 513. PRINCIPLES OF ANALYTICAL CHEMISTRY.** A survey of the basic principles of analytical techniques and instrumentation. Prerequisite: consent of department chairperson required. (3)
- 514. FUNDAMENTALS OF ELECTROCHEMISTRY.** Introduction to the theory and principles of electrochemistry, including modern electroanalytical techniques and microelectrodes. Prerequisite: Chem 469 or graduate standing. (3)
- 519. CHEMICAL SEPARATIONS.** Theoretical and mathematical treatment of chromatography and other separation techniques. Prerequisite: Chem 469 or graduate standing. (3)
- 524. PRINCIPLES OF ORGANIC CHEMISTRY.** A survey of the basic principles of organic chemistry with physical chemical principles. Prerequisite: consent of department chairperson required. (3)
- 527. ADV. ORGANIC CHEM., STRUCTURE MECHANISM.** Resonance and molecular orbital theory, linear free energy relations, and reaction mechanisms. Prerequisite: Chem 331 or graduate standing. (3)
- 528. ADV. ORGANIC CHEM., STRUCTURE SYNTHESIS.** Conformational analysis, carbanion chemistry, and synthetic reactions. Prerequisite: Chem 331 or graduate standing. (3)
- 529. STEREOCHEMISTRY.** Configurational and conformational analysis of molecules; the steric course of organic chemical reactions. Prerequisite: Chem 331 or graduate standing. (3)
- 530. ADVANCED ORGANIC SYNTHESIS.** A study of the literature, reactions, and planning methods that are used in modern organic synthesis. Prerequisite: Chem 331 or graduate standing. (3)
- 531. ADVANCED PHYSICAL CHEM., QUANTUM CHEM.** Elementary quantum chemistry; solution of the Schrodinger equation for simple chemical systems; molecular orbital theory. Prerequisite: Chem 332 or graduate standing. (3)
- 532. CHEMICAL THERMODYNAMICS.** Discussion of irreversible and equilibrium thermodynamics and application to various chemical problems. Prerequisite: Chem 332 or graduate standing. (3)

**534. PHYSICAL BIOCHEMISTRY.** Macromolecules: structure and function; thermodynamics and kinetics of conformational transitions and macromolecule-ligand interactions. Prerequisite: Chem 471 and Chem 331 or Chem 334 or graduate standing. (3)

**535. PRINCIPLES OF PHYSICAL CHEMISTRY I.** A survey of the principles of physical chemistry. Thermodynamics, kinetics, quantum mechanics, spectroscopy, statistical mechanics. Prerequisite: consent of department chairperson required. (3)

**536. ADVANCED PHYS. CHEM., REACTION DYNAMICS.** Kinetic theory; molecular reaction dynamics; transition state theory. Prerequisite: Chem 332 or graduate standing. (3)

**538. PRINCIPLES OF PHYSICAL CHEMISTRY II.** Continuation of a survey of the principles of physical chemistry. Thermodynamics, kinetics, quantum mechanics, spectroscopy and statistical mechanics. Prerequisite: Chem 535 with minimum grade of B, consent of department chairperson required. (3)

**544. CHEMICAL APPLICATIONS OF GROUP THEORY.** Introduction to the principles of symmetry and group theory and their application to the description of molecular structure in terms of the chemical bonding models (VB, MO, and LF) and spectral properties (magnetic, vibrational, and electronic). Prerequisite: Chem 401 or graduate standing. (3)

**545. CHEMICAL LITERATURE.** Introduction to and practice in the use of chemical abstracts, journals, and other library reference materials. Z grade. Prerequisite: consent of department chairperson required. (3)

**546. CHEM FOR HIGH SCHOOL SCIENCE TEACHER I.** A review of the basic principles of chemistry and an overview of the new technology, instructional materials, and methods used for teaching chemistry at the high school level. Appropriate for high school teachers seeking certificate renewal or supplemental endorsement. May not be counted toward a degree in the sciences. May be repeated once for credit. Prerequisite: consent of department chairperson required. (3)

**547. CHEM. FOR HIGH SCHOOL SCIENCE TEACHER II.** A review of the basic principles of chemistry and an overview of the new technology, instructional materials, and methods used for teaching chemistry at the high school level. Appropriate for high school teachers seeking certificate renewal or supplemental endorsement. May not be counted toward a degree in the sciences. May be repeated once for credit. Prerequisite: consent of department chairperson required. (3)

**548. WORKSHOP-MIDDLE SCHOOL SCIENCE TEACHERS.** Selection and application of instructional materials and methods for secondary school chemistry. May not be counted toward an advanced degree in any of the sciences. Prerequisite: consent of department chairperson required. (1-2)

**550. SAFETY IN THE CHEMICAL LABORATORY.** Assigned readings and demonstrations on the use and handling of hazardous chemicals and chemical apparatus. Z grade. Prerequisite: consent of department chairperson required. (3)

**563. APPLIED SPECTROSCOPY.** Application of theoretical principles to the interpretation of the various types of spectroscopy. (2 lecture, 3 lab hours). Prerequisite: Chem 332 and Chem 469 or graduate standing. (3)

**580. MOLECULAR BIOCHEMISTRY I.** Examination of the organization and functional mechanisms of gene expression at the molecular level. Prerequisite: Chem 222 and Chem 226 or graduate standing. (3)

**581. MOLECULAR BIOCHEMISTRY II.** Continuation of Chem 580. Prerequisite: Chem 222 and Chem 226 or graduate standing. (3)

## **CIVIL ENGINEERING**

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Alexander H.D. Cheng, Chair, 203 Carrier Hall

[http://www.olemiss.edu/depts/civil\\_eng/](http://www.olemiss.edu/depts/civil_eng/)

### **C E**

**101. INTRODUCTION TO CIVIL ENGINEERING I.** Introduction to civil engineering disciplines: structural, geotechnical, transportation, environmental, and water resources engineering. Basic computer skills: e-mail, Internet. Basic computing skill: spreadsheet. (1)

**102. INTRODUCTION TO CIVIL ENGINEERING II.** Engineering ethics, technical writing, communication skills, success as civil engineer, solving civil engineering problems, field trip, Web authoring. (1)

**207. SURVEYING.** Traversing and computations, area calculations, topographic surveys, leveling, boundary surveys, circular and parabolic curves, volumes, photogrammetry, electronic distance measurement, computer applications. (2 lecture, 2 lab hours). Prerequisite: Engr 207. (2)

**307. CIVIL ENGINEERING LABORATORY I.** Selected experiments in soils and materials. Tests of identification and characterization of soils. Strength tests on other materials commonly used in civil engineering practice. (1)

**315. CIVIL ENGINEERING MATERIALS.** Fundamental concepts of materials science, including the structure and properties of materials and their relationship to material selection and system design; classification of materials; properties and behavior of construction materials including soils and aggregates, cement, concrete, metals, wood, asphalt, composites, and other new materials; mix design procedures and properties of Portland cement concrete and bituminous/asphalt mixtures; quality control and quality assurance. Corequisite: C E 307, 431. (3)

**407. CIVIL ENGINEERING LABORATORY II.** Experiments in structural, hydraulic, and environmental systems; hands-on experience in experimental design, transducer selection and calibration, and use of sophisticated data acquisition equipment and post-processing software; evaluation, synthesis, and graphical presentation of results and report preparation. Prerequisite: C E 307. (1)

**411. STRUCTURAL ANALYSIS.** Classification and analysis of simple structural systems; ASCE-7 provisions for minimum loads; virtual work and virtual displacement methods; introduction to flexibility and displacement matrix methods; stiffness matrices for rod, frame, and slab elements. (Same as M E 421). Prerequisite: Engr 312. (3)

**412. DESIGN OF CONCRETE STRUCTURES.** Strength analysis and design of reinforced concrete structural elements using ACI requirements. Rectangular and T sections in bending. Shear reinforcement in beams. Short columns. Footings and retaining walls. Introduction to analysis and design of steel structural elements. (Same as M E 422). Corequisite: C E 411. (3)

**413. STEEL DESIGN.** LRFD and ASD design philosophy; AISC specifications for steel sections under tension, compression, bending, and combined axial load and bending; lateral load resisting systems; simple bolted and welded connections; composite beams. Prerequisite: C E 411. (3)

**414. ADVANCED CONCRETE DESIGN.** Design of slender columns, two-way floor systems, beam-column joints. Introduction to prestressed concrete. Introduction to multi-story buildings. Prerequisite: C E 412. (3)

**417. CONSTRUCTION ENGINEERING AND MANAGEMENT.** Planning, estimating, and scheduling of civil engineering construction projects involving buildings, roads, bridges, earthwork, airports, hydraulic structures, and other infrastructure assets; procurement, specifications, bids, and contracts; cost control; value engineering; quality control and quality assurance; computer applications. (3)

**431. SOIL MECHANICS I.** Testing and identification of soils, saturated flow through earth structures, stress distribution in soils, consolidation, and settlement; shear strength of soils; earth pressure, slope stability, and shallow foundation problems. Prerequisite: Engr 312. (3)

**433. FOUNDATION ENGINEERING.** Soil investigation and bearing capacity. Factors to consider in foundation design, spread-footing design, combined footing design, mat foundations, retaining wall design, sheet-pile wall design, single pile foundation, and pile group foundation design. Caissons and cofferdams. Prerequisite: C E 431. (3)

**435. ADVANCED GEOTECHNICAL ENGINEERING.** Linear and nonlinear geotechnical issues, advanced bearing capacity equations, propagation of body wave, dynamic pile driving equations. STATNAMIC, drilled piers, braced earth retaining structures, ground modifications, geotechnical instrumentation, Cam Clay model, and other classical and modern topics. Prerequisite: C E 431, C E 433. (3)

**452. CIVIL ENGINEERING ANALYSIS.** Development and analysis of conceptual models of contemporary civil engineering; applications in structures, geotechniques, hydraulics, hydrology, transportation, and environmental engineering. Prerequisite: C E 311, C E 431, Engr 310. (3)

**455. CIVIL ENGINEERING DESIGN I.** Initial course in capstone design sequence. Individual and group experience in identifying objectives, major activities affecting cost/schedule, and roles of private and public organizations in civil engineering projects; introduction to regional and national building code provisions for access, egress, and structural safety; creativity in the design process and selection of competitive alternatives; preliminary site planning and facility design; preliminary group planning of a significant civil engineering project. Introduction to the use of computational tools for analysis, design, and visualization. (2)

**456. CIVIL ENGINEERING DESIGN II.** Final course in capstone design sequence. Group experience in the design of a significant civil engineering project; data collection and quantitative

analysis of economic and safety factors; qualitative evaluation based on reliability, aesthetics, ethics, social/environmental impact. Formal presentation and evaluation of projects to a jury of practicing professionals and electronic submission of a formal report. Prerequisite: C E 455. (3)

**471. ENVIRONMENTAL ENGINEERING I.** An introduction to areas of environmental engineering, including environmental chemistry, water and wastewater treatment, water quality management, air pollution, solid and hazardous waste, and noise pollution. Prerequisite: Engr 323, Chem 105, Chem 115. (3)

**472. WATER RESOURCES ENGINEERING.** Water supply systems, open channel hydraulics, hydrologic cycle, surface water hydrology, run-off models, groundwater flow and contamination. Prerequisite: Engr 323. (3)

**481. TRANSPORTATION ENGINEERING I.** Major transportation modes and their characteristics; mechanics of motion; geometric and intersection design; traffic flow theory; probabilistic methods; capacity analysis; planning models; environmental impact analysis; economic evaluation; Intelligent Transportation System (ITS) and computer applications. Corequisite: Math 353. (3)

**497. CIVIL ENGINEERING PROJECTS.** Special problems or independent study in civil engineering research and design. (3)

**511. STRUCTURAL DYNAMICS.** Response of linear SDOF and MDOF systems. Application to frame vibration in complex structures; introduction to continuous systems; modal analysis for steady-state and transient response under dynamic loads in various applications; computer simulation. Prerequisite: C E 411, Math 353, or graduate standing. (3)

**514. PRESTRESSED CONCRETE DESIGN.** Pre- and post-tensioning technologies; material properties; ACI and AASHTO allowable stresses; response to and design for axial load, flexure, shear, and torsion; applications to buildings and bridges. Prerequisite: C E 412 or graduate standing. (3)

**521. ADVANCED MECHANICS OF MATERIALS.** Classical methods for second-order analysis of deformable bodies; failure criteria; torsion of thin walled sections; unsymmetrical bending of straight beams; curved beams; beam on electric foundation; plates and shells; buckling. Prerequisite: Math 353, Engr 312, or graduate standing. (3)

**531. SOIL MECHANICS II.** Soil variability, shear strength, and deformation of multi layered systems; critical state soil mechanics, convection and diffusion of ground water flow; settlement analysis; static and dynamic slope stability, dynamic behavior of soils, computer applications. Prerequisite: C E 431 or graduate standing. (3)

**541. FLOW IN OPEN CHANNELS.** Uniform and nonuniform flow; gradually varying flow, rapidly varying flow controls; subcritical and supercritical transitions; unsteady flow; level-pool routing; flood waves. Prerequisite: Engr 323 or graduate standing. (3)

**542. FLOW IN POROUS MEDIA.** Steady, homogenous flow; prediction of transport properties; wells, seepage, drainage, re-charge; nonhomogenous flow. Prerequisite: Engr 323 or graduate standing. (3)

**543. SEDIMENT TRANSPORT.** Fall velocity, particle size analysis, incipient motion, bed form mechanics, suspended loads; stream flows, natural river processes, transport of liquid-solid mixtures in pipelines. Prerequisite: Engr 323 or graduate standing. (3)

**561. CIVIL ENGINEERING SYSTEMS.** Engineering applications of linear programming, dynamic programming, PERT-CPM, game theory; stochastic systems. Prerequisite: Math 264 or graduate standing. (3)

**570. INFRASTRUCTURE MANAGEMENT.** Overview of nation's infrastructure assets and rehabilitation/renovation needs; methodologies for development and implementation of performance monitoring and maintenance management systems for roadways, bridge structures, airports, and other infrastructure facilities; condition assessment and nondestructive evaluation; application of new materials and remote sensing and spatial technologies; Intelligent Transportation System (ITS) and computer applications for infrastructure asset management. (3)

**581. TRANSPORTATION ENGINEERING II.** Advanced topics in transportation engineering and management with emphasis on intermodal facilities; physical design and traffic management; measures of system effectiveness and performance; environmental and social impacts; Intelligent Transportation System (ITS) technologies; applications of remote sensing and spatial technologies and GIS; economic evaluation of alternatives; computer modeling and simulation. Prerequisite: C E 481 or graduate standing. (3)

**585. HIGHWAY PAVEMENTS.** Stress analysis of pavements, traffic estimation, material characterization, condition monitoring and evaluation, current design schemes, computer applications. Corequisite: C E 431 or graduate standing. (3)

**590. AIRPORT PLANNING AND DESIGN.** Impacts of national transportation policies with emphasis on ground, aviation, and intermodal facilities; financing resources; collection and use of traffic and passenger data for airport planning and design; travel demand forecasting; capacity analysis; visual aids and air traffic control; runway orientation and geometric design; design of terminal areas and ground access; basic pavement structural design and maintenance management; environmental impacts and economic assessment; airport applications of remote sensing and spatial technologies, GIS, and Intelligent Transportation System (ITS) technologies. (3)

## CLASSICS

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Aileen Ajootian, Chair, Bryant Hall-Main Lobby

<http://www.olemiss.edu/depts/classics>

### Classics-Clas

**201. SCIENTIFIC AND MEDICAL TERMINOLOGY FROM GREEK AND LATIN.** Vocabularies of the sciences and medicine derived from words, roots, and forms of Greek and Latin; designed to ease the acquisition, understanding and use of these terms. No previous knowledge of Greek or Latin required. (3)

### Greek-Gr

**101. INTRODUCTION TO GREEK I.** Principles of grammar, training in translation. (3)

**102. INTRODUCTION TO GREEK II.** Principles of grammar, training in translation. (3)

**201. INTERMEDIATE GREEK I.** Continuation of Greek grammar; readings in selected prose, including the New Testament. (3)

**202. INTERMEDIATE GREEK II.** Continuation of Greek grammar; readings in selected prose, including the New Testament. (3)

**321. GREEK PROSE.** Selected readings in Greek prose, with special attention paid to style. Readings may be supplemented by exercises in Greek prose composition. Prerequisite: Gr 202. (3)

**322. GREEK HISTORIANS.** Selected readings of major historians such as Herodotus, Thucydides, and Xenophon. Prerequisite: Gr 202. (3)

**323. GREEK RHETORIC.** Selected readings from the speeches of Demosthenes, Lysias, Aeschines or other orators. Prerequisite: Gr 202. (3)

**324. PLATO.** Selected readings in the philosophical dialogues of Plato in Greek. Prerequisite: Gr 202. (3)

**329. KOINE GREEK.** Readings in the koinê or commonly used Greek of the Hellenistic period, such as the Christian New Testament and the Septuagint version of the Hebrew Bible. Prerequisite: Gr 202. (3)

**331. GREEK POETRY.** Selected readings in Greek poetry, with special attention paid to meter. Prerequisite: Gr 202. (3)

**332. HOMER.** Readings in the *Iliad* or *Odyssey*. Prerequisite: Gr 202. (3)

**334. GREEK LYRIC.** Selections from the lyric poets, such as Archilochus, Sappho, and Pindar. Prerequisite: Gr 202. (3)

**336. GREEK TRAGEDY.** Selected readings from the tragedies of Aeschylus, Sophocles, and Euripides. Prerequisite: Gr 202. (3)

**337. GREEK COMEDY.** Selected readings from Old and New Comedy, namely Aristophanes and Menander. Prerequisite: Gr 202. (3)

**507. SPECIAL READING.** Extensive reading of authors not included in specific courses above, arranged according to needs of individual student. May be repeated for additional reading and credit. (1-3)

### Latin-Lat

**101. INTRODUCTION TO LATIN I.** Essentials of grammar, training in translation. (3)

**102. INTRODUCTION TO LATIN II.** Essentials of grammar, training in translation. (3)

- 201. INTERMEDIATE LATIN I.** Continuation of grammar and selections from representative authors. (3)
- 202. INTERMEDIATE LATIN II.** Continuation of grammar and selections from representative authors. (3)
- 321. LATIN PROSE.** Selected readings in Latin prose, with special attention paid to style. Readings may be supplemented by exercises in Latin prose composition. Prerequisite: Lat 202. (3)
- 322. ROMAN HISTORIANS.** Selected readings of major historians such as Livy, Sallust, and Tacitus. Prerequisite: Lat 202. (3)
- 323. ROMAN ORATORY.** Selected readings from the speeches or rhetorical treatises of Cicero or others. Prerequisite: Lat 202. (3)
- 329. MEDIEVAL LATIN.** Selected readings in Medieval Latin. Prerequisite: Lat 202. (3)
- 331. LATIN POETRY.** Selected readings in Latin poetry, with special attention paid to meter. Prerequisite: Lat 202. (3)
- 332. VERGIL.** Selected readings from the *Aeneid*. Prerequisite: Lat 202. (3)
- 333. OVID.** Selected readings from the *Metamorphoses* or other works of Ovid. Prerequisite: Lat 202. (3)
- 334. ROMAN LYRIC.** Selected readings from the lyric poets, such as Catullus and Horace. Prerequisite: Lat 202. (3)
- 335. ROMAN ELEGY.** Selected readings from the elegiac poets, such as Tibullus, Propertius, Ovid, and Sulpicia. Prerequisite: Lat 202. (3)
- 337. ROMAN COMEDY.** Selected readings from the plays of Plautus or Terence. Prerequisite: Lat 202. (3)
- 338. ROMAN SATIRE.** Selected readings from the satire of Horace, Juvenal, Persius or Martial. Prerequisite: Lat 202. (3)
- 507. SPECIAL READING.** Extensive reading of authors not included in specific courses above, arranged according to needs of individual students. (May be repeated for additional reading and credit). (1-3)

## Classical Civilization-Clc

- 101. INTRODUCTION TO GREEK CIVILIZATION.** An introductory survey course in the art, architecture, history, government, literature, and thought of ancient Greece. (3)
- 102. INTRODUCTION TO ROMAN CIVILIZATION.** An introductory survey course in the art, architecture, history, government, literature, and thought of ancient Rome. (3)
- 103. WOMEN IN ANTIQUITY.** An introduction to the history and culture of ancient Greece and Rome through a consideration of the role and status of women in the classical world. Lecture with slides will be supplemented by readings of ancient texts in translation, in addition to textbook assignments. (Same as G St 103). (3)
- 104. SPORTS IN THE ANCIENT WORLD.** An introduction to the history and culture of ancient Greece and Rome through the consideration of sports in the classical world. Lectures with slides will be supplemented by readings of ancient texts in translation and textbook assignments. (Same as ES 104). (3)
- 105. FROM MYTH TO FILM.** Selected readings in ancient Greek and Roman literature in translation, their survival and legacy in film. (3)
- 106. CLASSICAL MYTHOLOGY.** Introduction to the myths of the Greeks and Romans through ancient literature in translation and art. (3)
- 304. GREEK AND ROMAN COMEDY.** Reading in English translation of the works of authors such as Aristophanes, Menander, Plautus, and Terence. (Same as Engl 304). (3)
- 305. TOPICS IN CLASSICAL MYTHOLOGY.** Intensive study of a particular figure or topic in Greek and Roman mythology. (Same as Engl 305). (3)
- 310. SOCRATES AND SOPHISTRY.** The intellectual ferment surrounding the development of philosophy in fifth-century Athens; its origins and consequences in literature and politics. Readings focus on Socrates: drama, early philosophical texts, the Sophists and Plato. (Same as Phil 310). (3)
- 325. TOPICS IN CLASSICAL CIVILIZATION.** Intensive study of a particular topic or theme in Classical civilization. (3)
- 326. TOPICS IN CLASSICS ABROAD.** Students do approved course work at a foreign university. May be repeated with the permission of the chair of the Department of Classics. (1-6)

**327. GREEK AND ROMAN RELIGIONS.** An introduction to a focused study of the religious traditions and practices of ancient Greece and Rome. (3)

**331. SCIENCE AND TECHNOLOGY IN THE ANCIENT WORLD.** Examples of the change from mythic to rational thought and of the use of planning and technology in Greece, Rome, and other ancient cultures. (3)

**333. POETRY AND POLITICS AT ROME.** The relationship between politics and literature in ancient Rome, focused on works of central importance in the history of Latin literature. Readings to include drama, lyric, elegy, and satire as well as Vergil's Aeneid in English. (Same as Engl 333). (3)

**511. INTRODUCTION TO CLASSICAL SCHOLARSHIP.** An introduction to the methodology used in classical scholarship. Information about research tools, the history of classical scholarship, textual transmission, paleography, papyrology, epigraphy, numismatics, linguistics, and art and archaeology. (3)

## Art and Archaeology

**283. HISTORY OF ART: ANCIENT THROUGH MEDIEVAL.** A survey of the great originative styles and developments in painting, sculpture, and architecture of the Mediterranean world from Paleolithic period through Gothic Europe. (3)

**304. GREEK AND ROMAN COMEDY.** Reading in English translation of the works of authors such as Aristophanes, Menander, Plautus, and Terence. (Same as Engl 304). (3)

**309. GREEK AND ROMAN EPIC.** Readings in English translation of a selection of Greek and Roman epics by authors such as Homer, Hesiod, Vergil, and Ovid. (Same as Engl 309). (3)

**315. EGYPTIAN ART AND ARCHITECTURE.** Covers ca. 3,000 B.C.E. through the 1st century B.C.E. (Same as AH 315). (3)

**316. BRONZE AGE GREEK AND AEGEAN ART AND ARCHITECTURE.** Covers ca. 6,000 B.C.E. through 1,000 B.C.E. (Same as AH 316). (3)

**317. ETRUSCAN ART AND ARCHITECTURE.** Covers ca. 1,000 B.C.E. through 100 B.C.E. (Same as AH 317). (3)

**318. GREEK VASE PAINTING.** Designed for undergraduates with an interest in the classical world, the course will cover prehistoric through Hellenistic Greek vase painting, utilizing the Robinson Collection at the University Museums. (Same as AH 318). (3)

**319. GREEK SCULPTURE.** Designed for undergraduates with an interest in the ancient world, the course will cover archaic through Hellenistic Greek sculpture. (Same as AH 319). (3)

**320. GREEK ARCHITECTURE.** An introduction to the principles of ancient architecture through a study of monuments and sites in Greece and Asia Minor. (Same as AH 320). (3)

**321. LATIN PROSE.** Selected readings in Latin prose, with special attention paid to style. Readings may be supplemented by exercises in Latin prose composition. Prerequisite: Lat 202. (3)

**322. ROMAN HISTORIANS.** Selected readings of major historians such as Livy, Sallust, and Tacitus. Prerequisite: Lat 202. (3)

**373. CULTURES OF THE BRONZE AGE.** (3)

**523. ANCIENT ART.** Specific topics within the field of ancient art. Content varies. (May be repeated for credit). (Same as AH 520). (3)

## History

**311. GREEK HISTORY.** The history of the Greek world from the earliest times to 146 B.C.; influence of Greek institutions on modern civilization. (Same as His 350). (3)

**313. THE ROMAN REPUBLIC.** A survey course in the history of the Roman Republic from the founding of the city in 753 B.C. to the end of the Second Triumvirate in 31 B.C. (Same as His 352). (3)

**314. THE ROMAN EMPIRE.** A survey course in the history of the Roman Empire from the reign of Augustus beginning in 31 B.C. through the fall of the Western Roman Empire in 476 A.D. (Same as His 353). (3)

**340. THE GOLDEN AGE OF ATHENS.** A detailed examination of the history and culture of Athens in the fifth century B.C. centering on the life of Pericles. The course will begin with the birth of democracy under Cleisthenes and end with the death of Socrates. (Same as His 348). (3)

**341. ALEXANDER THE GREAT.** An examination of the rise of Macedonia under Philip, the accession of Alexander and Alexander's conquest of the Persian Empire. Topics discussed include

Macedonia's domination of Greece, Greek opposition, the destruction of Olynthus and modern interpretations of Philip and Alexander. (Same as His 349). (3)

**501. TOPICS IN GREEK HISTORY.** (May be repeated once for credit). (3)

**502. TOPICS IN ROMAN HISTORY.** (May be repeated once for credit). (3)

## Literature and Thought

**303. GREEK AND ROMAN TRAGEDY.** Reading in English translation of the works of authors such as Aeschylus; Sophocles, Euripides, and Seneca. May also consider the theatrical and social contexts and influence on subsequent drama. (Same as Engl 303). (3)

**305. TOPICS IN CLASSICAL MYTHOLOGY.** Intensive study of a particular figure or topic in Greek and Roman mythology. (Same as Engl 305). (3)

**307. GREEK LITERATURE IN ENGLISH TRANSLATION.** Reading in English translation of selected masterpieces of Greek literature; origin and development of epic and lyric poetry, the drama, history, and philosophy. (Same as Engl 307). (3)

**308. SURVEY OF ROMAN LITERATURE.** Reading in English translation of important works in the literature of Rome; Roman contributions to the development of European and English literature. (Same as Engl 301). (3)

**309. GREEK AND ROMAN EPIC.** Readings in English translation of a selection of Greek and Roman epics by authors such as Homer, Hesiod, Vergil, and Ovid. (Same as Engl 309). (3)

## COMMUNICATION SCIENCES AND DISORDERS

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Lennette J. Ivy, Chair, George Hall, [http://www.olemiss.edu/depts/comm\\_disorders](http://www.olemiss.edu/depts/comm_disorders)

### CSD

**201. INTRODUCTION TO COMMUNICATIVE DISORDERS.** Disorders of speech, language, and audition; emphasis on recognition, causation, and principles of management. (3)

**205. ANATOMY AND PHYSIOLOGY.** Anatomical and physiological bases of speech, language, and auditory processes. (Same as Ling 205). (3)

**211. INTRO TO PHONOLOGY.** The study of speech sounds-their theoretical units of meaning (phonemics), production (articulatory phonetics), perception (perceptual phonetics), and physical characteristics (acoustic phonetics). Emphasis on the International Phonetic Alphabet and transcription of spoken language. (Same as Ling 211). (3)

**216. NORMAL DEVELOPMENT OF COMMUNICATION.** Paralinguistic and psycholinguistic aspects of human development; study of developmental assessment. (Same as Ling 216). (3)

**301. DISORDERS OF ARTICULATION.** Causes, correlates, symptoms, assessment, and clinical management; survey of related disorders. Prerequisite: CSD 205, CSD 211. (3)

**316. LANGUAGE AND LEARNING DISORDERS.** Causes, correlates, symptoms, assessments, and clinical/educational management; emphasis on description and prescription. Prerequisite: CSD 216. (3)

**351. BASIC AUDIOLOGY.** Administration and interpretation of basic hearing measurement. Prerequisite may be also by consent of instructor. Prerequisite: CSD 205. (3)

**356. PRINCIPLES OF AUDITORY (RE)HABILITATION.** Management of the deaf and hard-of-hearing; emphasis on speech reading and auditory training. Prerequisite: CSD 351. (3)

**359. MANUAL COMMUNICATION.** Study and practice in contemporary manual communication systems. (Same as Ling 359). (3)

**401. DIAGNOSTIC PROCEDURES.** Basic differential diagnosis of communication disorders; emphasis on instrumentation and interpretation. Prerequisite: CSD 301, CSD 316, CSD 351. (3)

**405. FLUENCY AND VOICE DISORDERS.** Causes, correlates, symptoms, assessment, and clinical management; survey of related disorders. Prerequisite: CSD 205. (3)

**421. PROG/METH-LANG DISORD.** Sequential programs for the remediation of disordered spoken and written language. Prerequisite: CSD 316. (3)

**430. PRACTICES IN AUDIOLOGY.** A general overview of practices in audiology including professional issues, pediatric and industrial audiology, disorders of the ear, and clinical techniques. Prerequisite: CSD 351, CSD 356. (3)



- 452. FUNDAMENTAL SPEECH & HEARING SCIENCE.** To provide the undergraduate student with an understanding of the basic acoustic, physical, and psychological processes underlying speech and hearing. Prerequisite: CSD 205. (3)
- 495. INTRODUCTION TO CLINICAL SCIENCE.** The clinical process, applied behavioral analysis, and clinical research methods; emphasis on clinical writing. Prerequisite: CSD 301, CSD 316, CSD 351. (3)
- 496. PRACTICUM.** Applied clinical procedures and prescriptive programming for the communicatively handicapped. Prerequisite requirements for this course may also be satisfied by consent of instructor. Z grade. Prerequisite: CSD 495 with minimum grade of P. (1-3)
- 499. SENIOR SEMINAR.** Selected problems in identification, diagnosis, and management of communicative disorders. (1-3)
- 501. SURVEY OF COMMUNICATIVE DISORDERS.** Disorders of speech, language, and audition; emphasis on causation, correlates, and management. (3)
- 505. NEUROPHYSIOLOGY OF COMMUNICATION.** Neuroanatomical and neurophysiological bases of sensory, central, and motor aspects of language. Prerequisite requirements for this course may also be satisfied by consent of instructor. (Same as Ling 505). Prerequisite: CSD 205 with minimum grade of C. (3)
- 506. ANAT/PHYS/PATH AUD SYS.** Normal and pathologic structure and function of the auditory system with emphasis on diagnosis, audiologic manifestation, and treatment of auditory disorders. (3)
- 507. FUNDAMENTALS OF HEARING SCIENCE.** Principles of decibel notation, properties of sound, acoustics, and psychophysical measurements. (3)
- 513. SPEECH SCIENCE.** Physiology and acoustics of the speech mechanism: ventilation, phonation, resonance, articulation, and audition. Emphasis on instrumentation used in assessment and remediation. Prerequisite requirements for this course may also be satisfied by consent of instructor. (Same as Ling 513). Prerequisite: CSD 205 with minimum grade of C. (3)
- 520. ADVANCED DIAGNOSTIC TECHNIQUES.** Current diagnostic theory and measurement methods for principal pathologies of speech, language, and hearing. (3)
- 521. DISORDERS OF FLUENCY.** Contemporary theories of etiology and principles of management for disorders of stuttering; study of related disorders. Prerequisite: graduate program level only, enrollment restricted to communication disorder majors. (3)
- 522. DISORDERS OF VOICE.** Organic and nonorganic disorders of voice. Prerequisite: CSD 205 with minimum grade of C. (3)
- 523. PHONOLOGICAL DISORDERS.** Misarticulation; emphasis on contemporary methods of management. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: CSD 205 with minimum grade of C, CSD 211 with minimum grade of C. (3)
- 524. CLEFT PALATE.** Provides the foundation in the science and theory of genetics, embryology, and other mechanical factors associated with craniofacial anomalies; medical, prosthetic, and behavioral interventions of related resonance, articulation and swallowing disorders secondary to craniofacial anomalies will be presented. Prerequisite: CSD 205 with minimum grade of C. (2)
- 526. NEUROGENIC DISORDERS OF LANGUAGE.** Study of the fundamentals of neurolinguistics; clinical problems of aphasia and traumatic brain injury; other clinical applications and neurolinguistics across the life span. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: CSD 505 with minimum grade of C. (3)
- 531. SPECIAL PROBLEMS IN CD.** Specialized topics in speech-language pathology, speech science, deaf education, and audiology. (May be repeated for credit). (1-3)
- 532. WORKSHOP IN COMMUNICATIVE DISORDERS.** Intensive short-term study of selected issues and clinical procedure in communication sciences and disorders. May be repeated for credit a maximum of 6 credit hours by undergraduates only. (1-3)
- 541. LANGUAGE DEV & DISORDER IN PRESCHOOL.** Theories and sequential stages of language development in the birth-to-age-6 population. Attention given to the assessment and remediation of language disorders. (Same as Ling 541). (3)
- 551. CLINICAL AUDIOLOGY.** Theory, rationale, and techniques of basic hearing evaluation. Calibration standards and procedures for audiological equipment. Prerequisite requirements for this course may also be satisfied by equivalent course work as approved by the department. Prerequisite: CSD 351 with minimum grade of C. (3)
- 557. AUDIOLOGY FOR THE SLP.** Diagnostic and habilitative procedures for adults and children across various settings. (2)

**560. MANUAL COMMUNICATION I.** A beginning course in sign language designed to familiarize the student with the various sign language systems and to provide the student with a basic core language. (3)

**562. MANUAL COMMUNICATION II.** An intermediate course in manual communication designed to increase expressive and receptive sign language skills, to provide understanding of the linguistic nature of American Sign Language (AMESLAN) and to promote the acquisition of AMESLAN as a second language. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: CSD 359 or CSD 560. (3)

**575. AUDIO INSTRU & MEAS.** Familiarization with basic technical characteristics and principles of instruments used in audiology. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: CSD 507 with minimum grade of C. (3)

**591. CLINICAL PRACTICUM IN AUDIOLOGY.** Practical experience in conventional audiologic techniques. May be repeated for credit. Z grade. (1-3)

**592. CL SEM/SPEECH-LANG PATH.** Issues and techniques in the evaluation and remediation of speech language pathologies. May be repeated for credit. Z grade. (2)

**593. CLINICAL SEMINAR IN AUDIOLOGY.** Issues and techniques in the evaluation and remediation of auditory problems. May be repeated for credit. Z grade. (2)

**595. GRADUATE PRACTICUM.** Advanced application of diagnostic and clinical management procedures. (May be repeated for credit). (2-9)

## COMPUTER AND INFORMATION SCIENCE

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H. Conrad Cunningham, Chair, 201 Weir Memorial Hall

<http://www.cs.olemiss.edu/>

### CSCI

**103. SURVEY OF COMPUTING.** Introduction to computers and computing for students with no prior computer experience. Not to be used to satisfy computer science major requirements). (3)

**111. COMPUTER SCIENCE I.** Introduction to computer science with emphasis on problem solving and algorithm development. Using high-level, block-structured programming language, students design, implement, debug, test, and document computer programs for various applications. Prerequisite: Math ACT 22 or Math 121 (or above). (3)

**112. COMPUTER SCIENCE II.** Continuation of Csci 111 with emphasis on computer programming as a systematic discipline. The topics include data structures, abstract data types, algorithm design and analysis, and programming methods and standards. Prerequisite: Csci 111 with minimum grade of C. (3)

**191. OFFICE APPLICATIONS.** Introduction to the use of computers with emphasis on the Windows platform and the Microsoft Office suite of application tools. (Not to be used to satisfy computer science major requirements). (3)

**192. COMPUTING APPLICATIONS.** Introduction to the use of computers with emphasis on the Windows platform and the WordPerfect suite of application tools. (Not to be used to satisfy computer science major requirements). (3)

**193. PERSONAL COMPUTER SYSTEMS.** Study of the hardware and software components of personal computer systems for experienced computer users. (Not to be used to satisfy computer science major requirements). (3)

**203. COMPUTER AND INFORMATION PROCESSING.** Introduction to computer programming and information processing principles using the Visual Basic language. (Not to be used to satisfy computer science major requirements). (3)

**211. COMPUTER SCIENCE III.** Devices and techniques for conventional file processing, sequential, hashed, indexed organizations; language and operating system support facilities. Prerequisite: Csci 112 with minimum grade of C. (3)

**223. COMPUTER ORG. & ASSEMBLY LANGUAGE.** Introduction to the architecture of computer systems. The topics include processor and external device structures and operation, machine operation, machine operations and instructions, assembly language concepts, and assembly language programming. Prerequisite: Csci 112 with minimum grade of C. (3)

- 251. PROGRAMMING FOR ENGINEERING AND SCIENCES.** Algorithm development and structured programming techniques; numerical and graphical applications related to engineering and scientific problem solving. Corequisite for this course may also be satisfied by consent of instructor. Corequisite: Math 261. (3)
- 259. PROGRAMMING IN C++.** Study of programming in the language C++, covering character processing; use of pointers with strings, arrays and functions; data structures; bitwise operators. Prerequisite: Csci 111 or Csci 251. (3)
- 300. SOCIAL RESPONSIBILITY IN COMP. SCIENCE.** Study of the nature of and need for social responsibility and ethical behavior in computing and the computer professions. Prerequisite: Csci 211, Csci 223. (1)
- 305. SOFTWARE FOR GLOBAL USE.** Study of the principles and practice of software internationalization with emphasis on the design and customization of software to accommodate linguistic and cultural diversity. Prerequisite: Csci 211. (3)
- 311. MODELS OF COMPUTATION.** Introduction to the theoretical foundations of computer science, including automata and formal languages. Corequisite: Math 301. Prerequisite: Csci 112 with minimum grade of C. (3)
- 323. SYSTEMS OF PROGRAMMING.** Study of a contemporary operating system and its set of tools from the perspective of software professionals and system administrators. The course analyzes the system components and their interactions, the tool environment, and system administration issues such as configuration, installation, networking, security, and performance tuning. Prerequisite: Csci 112. (3)
- 345. INFORMATION STORAGE AND RETRIEVAL.** Examination of systems for storage and retrieval of information in textual and other formats. The topics include query processing, matching and ranking algorithms, text analysis, user interfaces, and evaluation of retrieval effectiveness. Prerequisite: Csci 211. (3)
- 353. INTRODUCTION TO NUMERICAL METHODS.** Numerical solution of problems; problem analysis, algorithm design, coding, testing, interpretation of results; use of software packages on mainframe computers. Prerequisite: Math 263 and either Csci 111 or Csci 251. (3)
- 361. INTRODUCTION TO COMPUTER NETWORKS.** Analysis of loosely coupled computer communication protocols and network services. A generic network model is presented and compared to selected examples of computer networks, including the Internet TCP/IP and Internet-based applications. Prerequisite: Csci 223 or El E 335 or TC 201. (3)
- 387. SOFTWARE DESIGN AND DEVELOPMENT.** Study of techniques for the construction of large, complex software systems, including project management, requirements analysis, specification, design, development, testing, documentation, deployment, and maintenance. Students develop software systems in a group structure that simulates an industrial setting. Prerequisite: Csci 211 with minimum grade of C, Csci 223 with minimum grade of C. (3)
- 390. SPECIAL TOPICS IN PROGRAMMING.** Study of topics in programming according to the interests of the instructor and students. May be repeated for credit when the topic varies. Prerequisite: Csci 211. (3)
- 391. COMPUTER GRAPHICS.** Introduction to the fundamentals of computer graphics, including elementary figures, shading, geometric transformations, graphics program design, and interactive techniques. Prerequisite: Math 262, Csci 211, Csci 223. (3)
- 405. COMPUTER SIMULATION.** Introduction to computer-based simulation and its applications to engineering, the sciences, and management. Prerequisite: Math 262, Csci 211. (3)
- 423. INTRODUCTION TO OPERATING SYSTEMS.** Study of the basic concepts of operating systems, including user interfaces, process management, state saving, interprocess communication, input/output, device drivers, timing services, memory management, file management, and system abstractions. Prerequisite: Csci 211 with minimum grade of C, Csci 223 with minimum grade of C. (3)
- 433. ALGORITHM AND DATA STRUCTURE ANALYSIS.** Study of the design and analysis of algorithms and data structures. The topics include analysis techniques, sorting, searching, advanced data structures, graphs, string matching, and NP-completeness. Prerequisite: Math 301, Csci 211 with minimum grade of C. (3)
- 444. MULTIMEDIA DESIGN AND DEVELOPMENT.** In-depth analysis of multimedia architecture and tools. Students implement an interactive multimedia project. Prerequisite: Csci 211. (3)
- 450. ORGANIZATION OF PROGRAMMING LANGUAGES.** History and concepts of programming languages; run-time behavior; formal aspects; language definition; data types and structures; control; and data flow, compilation, and interpretation. Prerequisite: Csci 211 with minimum grade of C, Csci 223 with minimum grade of C. (3)

- 475. INTRODUCTION TO DATABASE SYSTEMS.** An introduction to database systems covering basic concepts, data models, normalization, concurrency, and storage structures. Prerequisite: Csci 211, Csci 223. (3)
- 487. SENIOR PROJECT.** Each student conducts an in-depth study of a current problem in computer science or related area. Upon completion, the student presents the results in both oral and written form. Prerequisite: 6 hours of Csci 300 or above (C minimum grade). (3)
- 490. SPECIAL TOPICS.** Study of topics in computer science according to the interests of the instructor and students. May be repeated for credit when the topic varies. Prerequisite: Csci 211, Csci 223. (3)
- 495. UNDERGRAD COMPUTER SCIENCE INTERNSHIP.** Internship in approved settings to enhance the educational experience of the student through supervised training in a professional computer science environment. Completion of an internship is recommended for all students, but this credit does not count toward completion of degree requirements. Z grade. Prerequisite: instructor approval required. (3)
- 517. NATURAL LANGUAGE PROCESSING.** Computer processing of natural language text at morphological, lexical, syntactic, and semantic levels; algorithms and procedures for sentence parsing and analysis; applications of natural language processing techniques. Prerequisite: Csci 311 or Csci 500 or graduate standing. (3)
- 520. FORMAL THEORY OF COMPUTER LANGUAGES.** A detailed study of mathematical models of regular and context-free languages, nondeterministic and deterministic models; closure properties, design algorithms, simplification of grammars. Prerequisite: Csci 311 or Csci 500 or graduate standing. (3)
- 521. COMPUTER SYSTEMS ENGINEERING.** Analysis of computer system components and manufacturing economics, and how they influence design goals, direct architectural development, create hardware/software issues and modify implementation concepts, as well as system and circuit packaging. Prerequisite: Csci 423 or Csci 501 or graduate standing. (3)
- 523. OPERATING SYSTEMS.** Design and construction of operating systems for shared program computers; various contemporary operating systems. Prerequisite: Csci 423 or Csci 501 or graduate standing. (3)
- 524. DISTRIBUTED OPERATING SYSTEM DESIGN.** Analysis of operating system design principles for multiple computers; a distributed operating system model is presented and compared to selected network and distributed operating system examples. Prerequisite: Csci 423 or Csci 501 or graduate standing. (3)
- 525. COMPILER CONSTRUCTION.** Introduction to techniques used in current compilers for computer languages; the syntactic specification of programming languages and an introduction to syntax-directed compiling. Prerequisite: Csci 311 or Csci 450 or Csci 500 or Csci 503 or graduate standing. (3)
- 530. COMPUTER ARCHITECTURE AND DESIGN.** Structured organization and hardware design of digital computers; register transfers, micro-operations, control units and timing, instruction set design, microprogramming; automated hardware design aids. Prerequisite: Csci 423 or Csci 501 or graduate standing. (3)
- 531. ARTIFICIAL INTELLIGENCE.** Use of the computer in human problem solving. Game theory, decision trees, Markov decision problems, selected topics. Prerequisite: Csci 433 or Csci 502 or graduate standing. (3)
- 533. ANALYSIS OF ALGORITHMS.** Introduction to the analysis of the efficiency of computer algorithms and concepts of computational complexity; sorting, matrix multiplication, others. Prerequisite: Csci 433 or Csci 502 or graduate standing. (3)
- 541. EXPERT SYSTEMS AND LOGIC PROGRAMMING.** Expert systems and knowledge engineering. Computer systems to emulate human expertise. Rule-based and other knowledge representation techniques. Knowledge engineering as a model for expert systems development; logic programming for expert systems implementation. Prerequisite: either Csci 211 and Math 301 or graduate standing. (3)
- 550. PROGRAM SEMANTICS AND DERIVATION.** A study of formal methods for the specification, derivation, and verification of computer programs. Predicate logic; notations for specification of programs; programming language semantics; calculational techniques for derivation of programs; case studies. Prerequisite: either Csci 211 and Math 301 or graduate standing. (3)
- 551. COMPUTER SYSTEM PERFORMANCE ANALYSIS.** Defining, parameterizing, and evaluating models of computer systems. The emphasis is on applying queuing network models and simulation techniques as tools to evaluate the performance of centralized and distributed computer systems. Prerequisite: either Csci 423 and Math 375 or Csci 501 or graduate standing. (3)

**555. FUNCTIONAL PROGRAMMING.** The principles and techniques of programming with functions. Purely functional programming languages; recursion; higher-order functions; reduction models; strictness; type systems; list operations; infinite data structures; program synthesis and transformation. Prerequisite: either Csci 211 and Math 301 or graduate standing. (3)

**561. COMPUTER NETWORKS.** Analysis of loosely coupled computer communication, communication protocols, and network services; an open systems interconnection model is presented and compared to selected examples of computer networks. Prerequisite: Csci 423 or Csci 501 or graduate standing. (3)

**562. SOFTWARE ENGINEERING I.** Software engineering paradigms, requirement analysis and specification, design of reliable software; data flow, data structure, and object-oriented design methodologies. Prerequisite: Csci 387 or graduate standing. (3)

**575. DATABASE SYSTEMS.** Review of database systems with special emphasis on data description and manipulation languages; data normalization; functional dependencies; database design; data integrity and security; distributed data processing; design and implementation of a comprehensive project. Prerequisite: Csci 423 or Csci 475 or Csci 501 or graduate standing. (3)

**581. SPECIAL TOPICS IN COMPUTER SCIENCE I.** May be repeated for credit. Prerequisite: either Csci 211 and Csci 223 or graduate standing. (1-3)

**582. SPECIAL TOPICS IN COMPUTER SCIENCE II.** May be repeated for credit. Prerequisite: Csci 211 and Csci 223 or graduate standing. (1-3)

**COUNSELING** See *Leadership and Counselor Education*.

**CRIMINAL JUSTICE** See *the Department of Legal Studies*.

**CROFT INSTITUTE FOR INTERNATIONAL STUDIES** See *International Studies*.

## **CURRICULUM AND INSTRUCTION**

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Kimberly J. Hartman, Chair, Guyton Hall, [http://www.olemiss.edu/depts/educ\\_school2/](http://www.olemiss.edu/depts/educ_school2/)

### **EF5**

**100. ENGLISH FOR FOREIGN STUDENTS.** Speaking, comprehension, reading, and writing skills for foreign students. Class and laboratory sessions. Graduate and undergraduate sections. Nondegree credit. Z grade. (3)

### **Curriculum and Instruction-Edci**

**096. ENGLISH AS A SECOND LANGUAGE COURSE A.** This course is designed for nonnative speakers of English at UM in order to facilitate improvement in their English language skills for the purpose of academic study. The specific course targets high-beginner learners of English. (1-12)

**097. ENGLISH AS A SECOND LANGUAGE COURSE B.** This course is designed for nonnative speakers of English at UM in order to facilitate improvement in their English language skills for the purpose of academic study. The specific course targets low-intermediate learners of English. Prerequisite: Edci 096. (1-12)

**098. ENGLISH AS A SECOND LANGUAGE COURSE C.** This course is designed for nonnative speakers of English at UM in order to facilitate improvement in their English language skills for the purpose of academic study. The specific course targets high-intermediate learners of English. Prerequisite: Edci 097. (1-12)

**099. ENGLISH AS A SECOND LANGUAGE COURSE D.** This course is designed for nonnative speakers of English at UM in order to facilitate improvement in their English language skills for the purpose of academic study. The specific course targets high-intermediate learners of English. Prerequisite: Edci 098. (1-12)

**352. EDUCATION, SOCIETY, & THE K-12 LEARNER.** Exploration of selected components of the education profession: purposes of education, American education system, education and the legal system, child and adolescent development and diversity. (3)

**353. PLANNING & TEACHING STRATEGIES FOR EFFEC.** Introduction to teaching strategies and models including direct instruction, discovery and inquiry, cooperative/collaborative learning, concept teaching in a developmental-constructivist context; attention to taxonomies for cognitive, affective, and psychomotor domains; reflection of classroom practices; curriculum design and planning; classroom management; evaluation and assessment; use of technology across the curriculum. Prerequisite: Edci 351 with minimum grade of C, Edci 352 with minimum grade of C, enrollment restricted to teacher education. (3)

**403. INTRODUCTION TO CLASSROOM ASSESSMENT.** Introduction to assessment procedures in schools, including construction of assessment instruments and evaluation techniques, use of assessment data for decision making and review of appropriate alternative assessments for diverse student populations. (3)

**419. EFFECTIVE CLASSROOM MANAGEMENT FOR TEACH.** The basics of classroom management with an emphasis on techniques and strategies for creating positive classroom environments and preventing classroom problems. Prerequisite: enrollment restricted to teacher education. (3)

**503. MSMT. & EVAL. FOR THE CLASSROOM TEACHER.** Standardized achievement tests and evaluation procedures in schools; practice in conducting tests and evaluation instruments. (3)

**526. THE MIDDLE YEARS SCHOOL.** Characteristics, functions of middle years school; its relation to modern educational practice; role of administrators, teachers, students, curriculum, facilities unique to junior high and middle schools. (3)

**557. COMPUTER CONCEPTS AND APP. FOR EDUCATORS.** Professional studies in educational computing and technology; computer/technology skills, concepts, and applications for teachers; use of technology to support content areas; integration of teaching methodologies. Prerequisite: math education majors (or graduate), enrollment restricted to graduate education majors. (3)

**558. INTEGRATING THE INTERNET IN EDUCATION.** Instructional strategies for integrating the use of the Internet as a teaching and learning tool in education. (3)

## Driver's Education-Edde

**406. INTRO DRIVER & HIGHWAY SAFETY EDUCATION.** Analysis of automobile operation, traffic law and regulations, attitudes, and safety problems. (Required for teacher certification). (3)

**407. HIGHWAY SAFETY & DRIVER EDUCATION.** Methods, techniques, and materials designed for prospective teachers in the development of a driver education program. (Required for teacher certification). Prerequisite: Edde 406. (3)

**408. DRIVER SIMULATION.** Methods of teaching driver education and highway safety in school, home and community. (3)

**507. SAFETY EDUCATION.** Principles, procedures, and materials for teaching safety in school, home, and community. Required for teaching endorsement. (3)

## Early Childhood Education-Edec

**300. CURRIC & THEORY FOR EARLY CHILDHOOD EDUC.** Introduction to the theoretical background of early childhood education and to methods and materials used in teaching young children. (3)

**301. EXPERIENCES IN EARLY CHILDHOOD EDUCATION.** Observation and supervised practical experiences teaching young children. (3)

**302. ORIENTATION TO EARLY CHILDHOOD EDUC.** Introduces prospective teachers of young children to principles and practices in early childhood education; offers opportunities to observe and practice using relevant instructional, organizational, and methodological competencies in a multicultural early childhood setting. (6)

**303. SCIENCE AND NUMBERS.** Methods and experiences appropriate for nursery school through early elementary. (3)

**500. INTRODUCTION TO EARLY CHILDHOOD EDUC.** Principles, curriculum construction, methods, and materials in early childhood education. (3)

**551. SCI & NUM CONCEPTS IN EARLY CHILD EDUC.** Development of number and science concepts for nursery school through early elementary; emphasis on content, method, laboratory techniques. (3)

**553. LANG CONCEPTS & LIT IN EARLY CHILD EDUC.** Language development as communicative skill and expressive art through creative experiences from nursery school through early elementary; childhood literature as stimulus for language and conceptual growth. (3)

**555. ART & MUSIC IN EARLY CHILDHOOD EDUCATION.** Development of creative expression through art and music in nursery and early elementary years; relationship between creative process and developmental stages. (3)

**557. SEMINAR: SOCIAL LIVING IN EARLY CH EDUC.** Sociological aspects of the family; meeting nutritional and medical needs; techniques of working with parents, community resources; development of social concepts. (3)

**570. PROGRAM DEV & ADMIN IN EARLY CH EDUC.** Planning and administering a preschool program: setting goals, physical facilities, program development, scheduling, finances, staff selection and supervision, policy development, and parent involvement. (3)

## Elementary Education-Edel

**303. APPLICATIONS IN ELEM SCIENCE CLASSROOMS.** Concepts, curriculum and evaluation in elementary science with an emphasis on applications. Emphasis on integrating theory and practice. May not be used for major credit in education. (3)

**305. CHILD DEVELOPMENT.** The child from infancy through childhood; emphasis on developmental characteristics and interpersonal relationships. (3)

**401. SOCIAL STUDIES IN THE ELEMENTARY SCHOOL.** Practical instructional experiences as they relate to concepts, curriculum, and evaluation in social studies. Emphasis on objectives, content, materials, and methods of social studies teaching in elementary schools; supervised experiences with children. Prerequisite: enrollment restricted to teacher education. (2)

**402. ART OF TEACHING LITERACY IN THE ELEM SCH.** Research-based methods and techniques for teaching reading, writing, speaking, listening, viewing, and visually representing as expressive forms. Emphasis on theories and principles of language learning, planning and developing processes and procedures for facilitating language development and evaluating student learning. Prerequisite: enrollment restricted to teacher education. (3)

**403. MATHEMATICS FOR THE ELEMENTARY SCHOOL.** Selected trends, concepts, and skills for teaching mathematics to elementary students; related applications and field experiences. Prerequisite: enrollment restricted to teacher education. (3)

**404. SCIENCE IN THE ELEMENTARY SCHOOL.** Practical instructional experiences as they relate to concepts, curriculum, and evaluation in science education. Emphasis on objectives, content, materials, and methods of science teaching in elementary schools supervised experiences with children. Prerequisite: enrollment restricted to teacher education. (2)

**416. MATHEMATICS & SCIENCE IN THE ELEM. SCH.** Selected concepts, skills, and materials for teaching of mathematics and science to elementary students; use of materials; related applications and field experiences. Prerequisite: enrollment restricted to teacher education. (3)

**519. TECH. AND PRIN. FOR CLASS. MANAGEMENT.** Basic behavior management principles available to the classroom teacher for effective classroom management. (3)

**520. BOOKS AND RELATED MATERIALS.** Evaluating and using both print and nonprint materials for children (K-8); emphasis on contemporary titles, trends, and issues, and book reviews and talks. (3)

**531. DIFFERENTIATED INSTRUCTION: INTERVENTION TO MEET THE NEEDS OF ALL LEARNERS.** Techniques for assessment and remediation of elementary students with learning problems in language arts and mathematics: selection and proper use of appropriate teaching materials. (3)

## Field and Laboratory Experiences-Edle

**417. ACTION LABS IN THE ELEMENTARY SCHOOL.** Laboratory experience designed to support elementary methods courses. Z grade. Prerequisite: enrollment restricted to teacher education. (2)

**464. STUDENT TEACHING: ELEMENTARY EDUCATION.** Full-time, full-semester student teaching; preparation of portfolio of teaching and interview materials; staff development activities at PDS sites. Prerequisite: enrollment restricted to teacher education. (9)

**467. STUDENT TEACHING: EXCEPTIONAL STUDENTS.** Directed observation and participation in teaching. Prerequisite: enrollment restricted to teacher education. (9)

**473. STUDENT TEACHING: MUSIC EDUCATION.** Z grade. Prerequisite: enrollment restricted to teacher education. (12)

**480. STUDENT TEACHING: SECONDARY EDUCATION.** Prerequisite: enrollment restricted to teacher education. (9)

## Reading Education-Edrd

**090. DEVELOPMENTAL READING.** (3)

**100. INDIV RDG. IMPROVEMENT.** Z grade. (3)

**300. FOUNDATIONS OF READING INSTRUCTION.** Survey of the knowledge base necessary for teaching reading; emphasis on basics, word recognition, comprehension, and study skills. (3)

**317. DIAG. & REMEDIATION OF READING DISA.** Fundamentals of diagnosis and remediation of reading disabilities and application in a practicum setting of the principles studied with emphasis on causes of reading disabilities. Prerequisite: Edrd 300. (3)

**355. EARLY LITERACY INSTRUCTION I AND II.** Concepts, materials, and teaching strategies for oral language development and systematic early reading and writing instruction specific to concepts about print, phonemic awareness, and phonics as well as vocabulary, fluency, and comprehension. Prerequisite: enrollment restricted to education majors. (6)

**400. READING INSTRUCTION IN THE ELEMENTARY SC.** Methods and materials for teaching vocabulary, fluency, comprehension, and content-area literacy. Management of instruction, learners, and the schedule for the reading program. Prerequisite: Edrd 355 with minimum grade of C, enrollment restricted to teacher education. (3)

**414. READING DIAGNOSIS AND INTERVENTION.** Survey of knowledge base necessary for teaching reading; emphasis on basics; focuses on fundamentals of diagnosis and remediation of reading disabilities. Prerequisite: Edrd 355 with minimum grade of C, enrollment restricted to teacher education. (3)

**415. MET. & MATS. FOR TEACHING READ. IN ELEM SCH.** (3)

**429. READING IN THE SECONDARY SCHOOL.** The reading process as it applies to junior and senior high curricula. Emphasis on preparing pre-service content area teachers to meet the needs of students with widely varying reading achievement. (3)

**500. BASIC SKILLS IN READING.** Introduction to reading; history, overview of the field, and basic instructional procedures. (3)

## Secondary Education-Edse

**400. PRINCIPLES OF EDUCATION.** Microteaching, teacher appraisal processes, and concerns of first-year teachers; use of technology in the classroom, issues and concerns relating to reading throughout all content areas; strategies for teaching diverse learners; field experience included. Prerequisite: enrollment restricted to teacher education. (3)

**401. SEMINAR ON CURRENT ISSUES.** To be taken concurrently with methods of teaching in area and student teaching. (1)

**442. SPECIAL METHODS I: ENGLISH.** Selected concepts, skills, and materials for teaching of secondary English; use of materials and technology in association with related applications and field experience. Prerequisite: Enrollment restricted to Teacher Education. (3)

**443. SPECIAL METHODS: FOREIGN LANGUAGE.** Selected concepts, skills, and materials for teaching of secondary foreign languages; use of materials and technology in association with related applications and field experience. Prerequisite: enrollment restricted to teacher education. (3)

**444. SPC. METH.-VOC. HOME EC.** (3)

**445. SPECIAL METHODS I: MATHEMATICS.** Selected concepts, skills, and materials for teaching of secondary mathematics; use of materials and technology in association with related applications and field experience. Prerequisite: enrollment restricted to teacher education. (3)

**446. SPECIAL METHODS I: SCIENCE.** Selected concepts, skills, and materials for teaching of secondary science; use of materials and technology in association with related applications and field experience. Prerequisite: enrollment restricted to teacher education. (3)

**447. SPECIAL METHODS I: SOCIAL STUDIES.** Selected concepts, skills, and materials for teaching of secondary social studies; use of materials and technology in association with related applications and field experience. Prerequisite: enrollment restricted to teacher education. (3)

**452. SPECIAL METHODS II: ENGLISH.** Selected strategies, methods, materials, and technology for teaching of secondary English associated with related student teaching experience. (2)



**453. SPECIAL METHODS II: FOREIGN LANGUAGE.** Selected strategies, methods, materials, and technology for teaching of secondary foreign languages associated with related student teaching experience. (2)

**455. SPECIAL METHODS II: MATHEMATICS.** Selected strategies, methods, materials, and technology for teaching of secondary mathematics associated with related student teaching experience. (2)

**456. SPECIAL METHODS II: SCIENCE.** Selected strategies, methods, materials, and technology for teaching of secondary science associated with related student teaching experience. (2)

**457. SPECIAL METHODS II: SOCIAL STUDIES.** Selected strategies, methods, materials, and technology for teaching of secondary social studies associated with related student teaching experience. (2)

**502. MULTICULTURAL FIELD EXPERIENCES.** Field experiences in a variety of multicultural educational settings. (3)

**525. LITERATURE FOR TODAY'S TEENAGERS.** Selection and evaluation of current titles appropriate for ages 13-19; extensive reading of contemporary fiction and nonfiction; emphasis on interests of teenagers, trends and issues, and book reviews and book talks. (3)

## Special Education-Edsp

**308. INTRODUCTION TO SPECIAL EDUCATION.** Introduction and overview of the various exceptionalities receiving special education services. An inclusive approach is presented with strategies for accommodating students with disabilities in regular education settings. An emphasis is placed on the role of technology and its uses with students with learning and behavioral problems. Prerequisite: enrollment restricted to education majors. (3)

**327. NATURE & NEEDS WITH MILD/MOD DISABILITY.** Introduction to the education of students with mild/moderate disabilities. Emphasis on the characteristics and assessment of students with mild/moderate disabilities as related to instruction. Field experience included. Prerequisite: enrollment restricted to education majors, enrollment restricted to teacher education. (3)

**329. NATURE & NEEDS WITH SEVERE DISABILITIES.** Introduction to the education of students with severe disabilities. Emphasis on the characteristics and assessment of students with severe disabilities. Field experience included. Prerequisite: enrollment restricted to education majors, enrollment restricted to teacher education. (3)

**335. ASSESSMENT OF EXCEPTIONAL STUDENTS.** Formal and informal individualized assessment techniques used in instructional planning of students with disabilities. Practice in test administration, scoring, interpretation, and application. Field experience included. Prerequisite: enrollment restricted to teacher education. (3)

**339. ORAL LANG. METH. & MATER. W/EXCEP. STUDENTS.** Study of oral language skills and problems of educationally disabled students. Emphasis on methods and materials for instruction. Prerequisite: CSD 201, Edsp 327, Edsp 329. (3)

**401. COLLABORATION AND CONFERENCE STRATEGIES.** Development of professional skills for collaboration between educators and families of students; strategies for effective conferencing with parents. (1)

**402. ORGANIZATION & ADMINISTRATION OF SPEC. ED.** The referral to placement process. Federal, state, and local laws, policies, and procedures. Financial bases, community resources, service delivery systems, program development, and models of instructional implementation. Field experience included. Prerequisite: Edsp 308, enrollment restricted to education majors. (3)

**403. INSTR. STRAT. FOR STUDENTS WITH SEVERE DIS.** Strategies and procedures for instruction of students with severe disabilities. Field experience included. Prerequisite: enrollment restricted to education majors. (3)

**405. INSTR. STRAT. FOR STUDENTS MILD/MOD DIS.** Strategies for instruction of students with mild/moderate disabilities. Field experience included. Prerequisite: enrollment restricted to education majors. (3)

**407. SURVEY OF EXCEPTIONAL STUDENTS.** An overview of the legal bases for special education services and mainstream education, the referral-to-placement process, and strategies for accommodating the exceptional student. Prerequisite: Edci 301. (1)

**410. SEMINAR INSTRUCTION.** Issues and techniques in the evaluation of effective instruction. Corequisite: Edsp 403, Edsp 405, Edsp 452. (1)

**411. SEMINAR IN SELECTED SPEC. ED. TOPICS.** Dissemination and discussion of information on current topics and issues in the field of special education. (1)

**452. PRACTICUM & FIELD EXP. W/EXCEP. CHILDREN.** Supervised application of concepts and techniques in the education of exceptional students. (3-6)

**541. EDUCATIONAL ASSESSMENT, METH. & MAT. I.** Basic assessment procedures of individual levels of functioning for pre-academic, elementary, and secondary programming levels. (3)

**543. EDUCATIONAL ASSESSMENT METH./MAT. II.** Selection and application of specialized instructional methods and materials for the educationally handicapped at the pre-academic, elementary, and secondary levels. (3)

**545. EDUCATIONAL ASSESSMENT METH./MAT. III.** Development of individualized educational plans (IEPs), implementation of individualized programming, and evaluation of programming effectiveness for the educationally handicapped at the pre-academic, elementary, and secondary school levels. (3)

**552. PRAC. & FIELD EXPER. WITH EXCEP. CHILD.** This course provides students with a supervised experience with persons who exhibit various types of disabilities. Z grade. (3)

**595. DIFFERENTIATED INSTRUCTION ATYPICAL GIFT.** Dealing with cultural diversity and meeting the social and emotional needs of diverse populations, including social, emotional needs of gifted. (3)

## Education-Educ

**333. SPECIAL TOPICS IN EDUCATION.** A special topics course that has been designed to meet staff needs of public school systems in Mississippi. (1-6)

**523. GROUP STUDY OF PROB. IN SCHOOL SYSTEMS.** Areas/problems approved by instructor. (For groups of teachers interested in improving subject areas of working on problems within system). May be repeated for credit to a maximum of 6 hours. Z grade. (1-6)

**555. SPECIAL TOPICS IN EDUCATION.** A special topics course designed to meet the in-service needs of school districts of Mississippi. Graduate students may use 6 semester hours toward a degree. Prerequisite: dates for online live class sessions: Wednesdays from 4-6:30 p.m. (1-6)

**556. SPECIAL TOPICS IN EDUCATION.** A special topics course designed to meet the in-service needs of school districts of Mississippi. Graduate students may use 6 semester hours toward a degree. Z grade. (1-6)

**557. SPECIAL TOPICS IN EDUCATION.** A special topics course designed to meet the in-service needs of school districts of Mississippi. Graduate students may use 6 semester hours toward a degree. (1-6)

## DEVELOPMENTAL STUDIES

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Patricia C. Treloar, Director

### DS

**089. LEARNING SKILLS LAB.** Part of the Summer Developmental Program (nondegree). (3)

**090. DEVELOPMENTAL READING.** Part of the Summer Developmental Program (nondegree). (3)

**091. DEVELOPMENTAL ENGLISH.** Part of the Summer Developmental Program (nondegree). (3)

**092. DEVELOPMENTAL MATHEMATICS.** Part of the Summer Developmental Program (nondegree). (3)

**093. ACADEMIC SUPPORT LAB.** Year-long academic support for students who successfully complete the Summer Developmental Program (nondegree). (3)

**094. ACADEMIC SUPPORT LAB.** Year-long academic support for students who successfully complete the Summer Developmental Program (nondegree). (3)

**095. DEVELOPMENTAL SUPPORT LAB.** Tutoring, counseling, and learning skills development for students enrolled in DS 097, DS 098, and/or DS 099. Students enrolled in two or more intermediate courses must successfully complete two semesters of Developmental Support Lab (nondegree) Z grade. (2)

**096. DEVELOPMENTAL SUPPORT LAB.** Tutoring, counseling, and learning skills development for students enrolled in DS 097, DS 098, and/or DS 099. Students enrolled in two or more intermediate courses must successfully complete two semesters of Developmental Support Lab (nondegree). Z grade. Prerequisite: Developmental Studies Program only. (2)

**097. INTERMEDIATE READING.** A remedial course designed to help students improve basic reading skills, vocabulary, and comprehension. Students whose ACT reading subscore is less than 17 or SAT verbal score is less than 390 must enroll in DS 097 during their first semester of enrollment and continue in the course until receiving a passing grade. Students with ACT reading subscores of 17, 18, or 19 are strongly encouraged to take Intermediate Reading. Students enrolled in Intermediate Reading are not allowed to enroll in social science or literature courses (nondegree). Prerequisite: Developmental Studies Program only. (3)

**098. INTERMEDIATE ENGLISH.** A course for students not yet prepared to take English 101. Students whose ACT English subscore is less than 17 or SAT verbal score is less than 390 must enroll in DS 098 during their first semester of enrollment and continue in the course until receiving a passing grade. Students with ACT English subscores of 17, 18, or 19 are strongly encouraged to enroll in Intermediate English. Students enrolled in Intermediate English are not allowed to enroll in other English courses (nondegree). Prerequisite: Developmental Studies Program only. (3)

**099. INTERMEDIATE ALGEBRA.** A remedial course for students not yet prepared to take college mathematics. Students with ACT mathematics subscores less than 17 or SAT mathematics scores less than 390 are required to enroll in DS 099 during their first semester of enrollment and continue in the course until receiving a passing grade. Students with ACT mathematics subscores of 17, 18, or 19 are strongly encouraged to enroll in Intermediate Algebra. Students enrolled in Intermediate Algebra are not allowed to enroll in other mathematics courses (nondegree). Prerequisite: Developmental Studies Program only, Classes meet twice a week for lecture in the classroom; students must spend an additional 50 minutes in the computer lab (Kinard 212) each week. (3)

**EARLY CHILDHOOD EDUCATION** *See the Department of Curriculum and Instruction.*

## **ECONOMICS**

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Jon R. Moen, Chair, Holman Hall 374

<http://www.olemiss.edu/depts/economics/>

### **ECON**

**101. INTRODUCTION TO ECONOMICS.** Primer for students who wish to have basic economic literacy, understand different economic concepts and policies and develop critical thinking skills. (3)

**202. PRINCIPLES OF MICROECONOMICS.** The nature of economics, economic concepts, and institutions; the role of the price system in directing the production of goods and services; distribution of income; and comparative economic systems. (3)

**203. PRINCIPLES OF MACROECONOMICS.** Resources and goals of the economy; national income; unemployment; money and banking; fiscal and monetary policy; contemporary problems; economic growth; and international economics. Prerequisite: Econ 202. (3)

**230. ECONOMIC STATISTICS I.** Statistical decision making, parameters, probability, sampling, inference, tests, comparative experiments, linear correlation, and time series analysis. (Same as Bus 230). Prerequisite: C minimum in Math 261 or Math 267 or Math 271. (3)

**302. ECONOMIC STATISTICS II.** Sampling, parametric and nonparametric testing, multiple regression and correlation, experimental design, and Bayesian statistics. (Same as Bus 302). Prerequisite: minimum grade of C in Econ 230 or Bus 230. (3)

**303. MONEY AND BANKING.** Nature and functions of money and banking; relation of money and credit to the American political system, the Federal Reserve System, and national economic goals. (Same as Fin 303). Prerequisite: Econ 203 with minimum grade of C. (3)

**305. CURRENT ECONOMIC TOPICS.** Relevant social, political, and economic issues: air pollution, urban renewal, the gold problem, population growth, consumerism, inflation, unemployment. Prerequisite: Econ 202 with minimum grade of C, Econ 203 with minimum grade of C. (3)

**307. MANAGERIAL ECONOMICS.** The economic analysis of managerial decision making. Emphasis on pricing, investment, resource allocation, compensation, and organizational structure. Prerequisite: Econ 202 with minimum grade of C, Econ 203 with minimum grade of C, minimum grade of C in Math 261 or Math 267 or Math 271. (3)

- 308. OPERATIONS RESEARCH.** Probability, Bayesian analysis and statistical experience in matrix algebra, linear programming, PERT, and inventory analysis. (Same as Bus 308). Prerequisite: minimum grade of C in Econ 230 or Bus 230. (3)
- 310. ENGINEERING ECONOMY.** Principles of economics for engineers. Cost concepts and cost estimation, financial and profitability analysis of alternative projects, and the fundamentals of project management. Open to engineering students only or with consent of instructor. (3)
- 312. LAW AND ECONOMICS.** Economic models and economic reasoning are applied in studying specific areas of the law, such as property, contract, tort, crime and punishment, antitrust and regulation, as well as broader issues related to the jury system, the judiciary, common law versus statute law and constitutions. (3)
- 320. CURRENT GLOBAL ECONOMIC ISSUES.** The application of microeconomic and macroeconomic tools to analyze current global economic issues, including market interdependence, trade disputes and liberalization, currency realignments, economic policy coordination, and the causes and consequences of recent international economic crises. (Same as PPL 320). Prerequisite: Econ 202 with minimum grade of C, Econ 203 with minimum grade of C. (3)
- 335. AN ECONOMIC HISTORY OF THE SOUTH.** A survey of the major economic developments in the South since the Civil War, with special emphasis on Southern economic growth and its effects on the United States generally. (Same as His 335). (3)
- 398. INTERMEDIATE MICROECONOMICS.** Factors influencing prices, resource allocation, and income distribution with emphasis on demand, supply, technology, and market structure. Prerequisite: Econ 202 with minimum grade of C; C minimum in Math 261 or Math 267 or Math 271. (3)
- 399. INTERMEDIATE MACROECONOMICS.** Aggregate economics; effect of key economic variables on employment, production, consumption, investment, saving, money, government expenditures, and price levels. Prerequisite: Econ 203 with minimum grade of C; C minimum in Math 261 or Math 267 or Math 271. (3)
- 401. GOVERNMENT AND BUSINESS.** Economic analysis of public policies affecting the structure, behavior, and performance of firms and industries; antitrust legislation; other aspects of the market process. Prerequisite: Econ 202 with minimum grade of C, Econ 203 with minimum grade of C. (3)
- 402. ECONOMETRICS.** The use of statistical methods to analyze economic data, with special emphasis on methods related to the classical linear regression. The course will include estimation, hypothesis testing, prediction and the use of econometric software. Prerequisite: Econ 230 with minimum grade of C. (3)
- 406. NATURAL RESOURCE ECONOMICS.** Analysis of economic problems associated with optimum use of land and natural resources with emphasis on energy. Prerequisite: Econ 202 with minimum grade of C, Econ 203 with minimum grade of C. (3)
- 417. LABOR ECONOMICS.** A theoretical and institutional examination of labor markets, including wage theories, unionism, and problems of security. Prerequisite: Econ 202 with minimum grade of C, Econ 203 with minimum grade of C. (3)
- 422. ECONOMIC GROWTH AND DEVELOPMENT.** Examines the current economic and business environment with a focus on the interaction of social and economic factors affecting discrimination, poverty and economic development. Prerequisite: Econ 202 with minimum grade of C, Econ 203 with minimum grade of C. (3)
- 504. ECONOMIC ISSUES IN AMERICAN HISTORY.** Trends and issues in American economic history from the Colonial Period to the present. Prerequisite: Econ 202 with minimum grade of C, Econ 203 with minimum grade of C. (3)
- 505. PUBLIC FINANCE.** Economics of taxation and government spending. Impact of government fiscal operations on employment, price levels, resource allocation, income distribution, and economic growth. Prerequisite: Econ 202 with minimum grade of C, Econ 203 with minimum grade of C, junior standing required. (3)
- 506. PUBLIC FINANCE ADMINISTRATION.** Federal budgeting practices and policies, intergovernmental fiscal relations, cost-benefit studies, economics of state and local governments. Prerequisite: Econ 505 with minimum grade of C.
- 510. INTERNATIONAL TRADE & COMMERCIAL POLICY.** Reason for trade; analysis of U.S. exports and imports; balance of trade; commercial policy, foreign exchange, gold problems; changing trends. (Same as Law 542). Prerequisite: Econ 202 with minimum grade of C, Econ 203 with minimum grade of C. (3)
- 513. HISTORY OF ECONOMIC THOUGHT.** Economic thought from Renaissance to the 20th century, with special emphasis on the development of economic doctrines since the 18th century. Prerequisite: Econ 203 with minimum grade of C. (3)

**520. SPECIAL TOPICS IN ECONOMICS.** Selected issues, problems, research techniques, materials, and policies; content varies. Prerequisite: instructor approval required. (3)

**525. ECONOMICS OF HIGH-TECH INDUSTRIES.** Strategic issues in high-tech industries; cost structures, process versus product innovations, network externalities, standard setting and coordination games, alliances, licensing and pricing of technology. Prerequisite: C minimum in Math 261 or Math 267 or Math 271. (3)

**540. SEMINAR IN ECONOMICS.** Selected topics in economics; content varies. (May be repeated once for credit). Prerequisite: instructor approval required, junior standing required. (3)

**545. GAME THEORY AND STRATEGIC THINKING.** Basic principles of strategic thinking and game theory. Applications to strategic firm interaction, incentives, and bargaining are emphasized. Prerequisite: Econ 202 with minimum grade of C; C minimum in Math 261 or Math 267 or Math 271. (3)

**581. COLLECTIVE BARGAINING.** An introductory course to the field of collective bargaining in the private and public sectors covering such topics as the history of unionism in America, the organizing process, the negotiating process, and administration of the collective bargaining agreement. Emphasis on pragmatic problems confronted by employers, employees, and unions. (Same as Mgmt 581). Prerequisite: Mgmt 383, senior or above standing required. (3)

**583. LABOR RELATIONS.** An advanced course analyzing the evolution and impact of labor law in the United States. The growth of unions, the Railway Labor Act, the Norris-LaGuardia Act, and Fair Employment Law are emphasized using the case approach. (Same as Mgmt 583). Prerequisite: Mgmt 581, senior or above standing required. (3)

**EDUCATIONAL PSYCHOLOGY** *See the Department of Leadership and Counselor Education.*

**EDUCATIONAL RESEARCH** *See the Department of Leadership and Counselor Education.*

## **ELECTRICAL ENGINEERING**

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Allen W. Glisson, Chair, 302 Anderson Hall

<http://www.ee.olemiss.edu/>

### **E I E**

**100. INTRODUCTION TO ELECTRICAL ENGINEERING.** Relevant perspective on the entire electrical field with review of professional careers. (1)

**101. SURVEY OF THE ELECTROTECHNOLOGY.** Applications of electricity in modern society; consumer electric and electronic equipment, computers, medical electronics, industrial electronics, communications. Lectures, films, demonstrations (For nonengineering students). (3)

**301. APPLIED ELECTRONICS.** Introduction to electronic devices and systems; electric circuit and system analysis, diodes, transistors, integrated circuits, amplifiers, digital circuits, measurement techniques May not be counted toward a degree in electrical engineering. (3)

**302. APPLIED COMMUNICATION SYSTEMS.** Introduction to general communication principles and systems including transmission media, modulation, detection, and system applications. May not be counted toward a major in electrical engineering. Prerequisite: E I E 301. (3)

**331. LINEAR SYSTEMS.** General concepts and descriptions of linear systems, signal flow graphs and block diagrams, Fourier and Laplace transforms, state-variable methods, Z transforms, transfer functions, impulse response, analog computation. Prerequisite: Engr 360. (3)

- 333. SYSTEMS LABORATORY.** Introduction to analog computing. Sampling of continuous time signals, Nyquist rate, signal reconstruction, numerical Fourier transforms, and numerical simulation of feedback. (3 lab hours). Corequisite: El E 431, El E 447. (1)
- 335. PRINCIPLES OF DIGITAL SYSTEMS.** Binary numbers, number system conversion, coding schemes; Boolean algebra, axioms, theorems, Karnaugh map; logic design, Boolean functions, minimization; implementation of transform methods; asynchronous systems. Corequisite: El E 336. Prerequisite: Csci 111 or Csci 251. (3)
- 336. DIGITAL SYSTEMS LABORATORY I.** Experiments with digital logic gates. Implementation of combinational and sequential logic circuits, programmable logic devices, flip-flops, and simulation software. (3 lab hours). Corequisite: El E 335. (1)
- 337. DIGITAL SYSTEMS LABORATORY II.** Self-paced laboratory. (3 lab hours). Prerequisite: El E 335, El E 336. (1)
- 341. THEORY OF FIELDS.** Field concepts, vector algebra and calculus, Laplace's equations, wave equation, diffusion equation and their solutions; electric and magnetic fields, Maxwell's equations. Corequisite: Engr 410. Prerequisite: Math 264. (3)
- 351. MODELS AND CIRCUITS I.** Terminal characteristics of devices, graphical analysis, linear piece-wise analysis, two-port parameters, equivalent models, and circuits. Prerequisite: Engr 360. (3)
- 352. MODELS AND CIRCUITS II.** Terminal characteristics of devices, graphical analysis, linear piece-wise analysis, two-port parameters, equivalent models, and circuits. Prerequisite: El E 351. (3)
- 353. ELECTRONICS LABORATORY.** Circuit elements and instruments; experiments dealing with the characteristics and applications of diodes, transistors, and op-amps. (3 lab hours). Corequisite: El E 352. Prerequisite: Engr 361. (1)
- 354. PC-BASED INSTRUMENTATION LABORATORY.** Self-paced laboratory on the development of data acquisition and test and measurement systems based on personal computers. (3 lab hours). Prerequisite: El E 353, El E 386. (1)
- 357. ELECTRICAL ENGINEERING PROBLEMS I.** Analytical procedures and numerical techniques in basic electrical engineering. Corequisite: El E 351, Engr 361, Engr 310. (1)
- 358. ELECTRICAL ENGINEERING PROBLEMS II.** Analytical procedures and numerical techniques in basic electrical engineering. Prerequisite: El E 357. (1)
- 367. COMPUTER-AIDED DESIGN IN ELECTRICAL ENGR.** Computer-aided Design (CAD) and analytical procedures in electrical engineering. Corequisite: El E 351, Engr 361. (2)
- 385. ADVANCED DIGITAL SYSTEMS.** Organization and design of digital computing systems. Register transfer language; computer architecture; memory; ALU; addressing modes. Prerequisite: El E 335, El E 336. (3)
- 386. ADVANCED DIGITAL SYSTEMS LABORATORY.** Advanced digital systems. MSI circuits, PLD devices, VHDL design and synthesis, computer architecture. (3 lab hours). Prerequisite: El E 385. (1)
- 391. RANDOM SIGNALS.** Probability and random variables, operations on single and multiple random variables, temporal and special characteristics of random processes, linear systems with random inputs. Prerequisite: El E 331. (3)
- 431. THEORY OF CONTROL SYSTEMS.** Analysis and design of servo-mechanisms, control systems; stability analysis; complex plane, root locus, attenuation-phase, and compensation; multiple-loop, multiple-input systems; analog simulation. Prerequisite: El E 331. (3)
- 432. ROBOTICS LABORATORY.** Self-paced experiments in the study of robot technology, including programming, control, and applications. (3 lab hours). (1)
- 433. HIGH FREQUENCY AND MICROWAVE LABORATORY.** High frequency measurements of transmission line and load characteristics, two port network analysis of passive microwave devices, network analyzer theory and use, measurements of input impedance and return loss of antennas, and time domain reflectometry measurements. Prerequisite: El E 441. (1)
- 434. FIBER OPTICS LABORATORY.** Self-paced experiments covering measurement of characteristics of optical fibers, light emitting diodes and photodetectors. (3 lab hours). Prerequisite: El E 441. (1)
- 441. ELECTROMAGNETIC THEORY I.** Transmission-line theory, electric and magnetic properties of matter, plane waves, guided waves; wave propagation in anisotropic media, microwave networks, radiation, antennas. Prerequisite: El E 341. (3)
- 442. ELECTROMAGNETIC THEORY II.** Transmission-line theory, electric and magnetic properties of matter, plane waves, guided waves; wave propagation in anisotropic media, microwave networks, radiation, antennas. Prerequisite: El E 341, El E 441. (3)

- 443. NETWORK ANALYSIS AND SYNTHESIS.** Properties of network functions, synthesis of passive and active RC networks. Prerequisite: El E 351, Engr 410. (3)
- 447. MODULATION, NOISE, AND COMMUNICATIONS.** Spectral analysis, sampling theory, analog and digital modulation techniques, information, communication systems, and noise. Prerequisite: El E 331, El E 352. (3)
- 449. ANALOG COMMUNICATIONS LABORATORY.** Self-paced experiments covering measurement of characteristics of analog communications systems, AM and FM modulation, and demodulation. (3 lab hours). Corequisite: El E 447. Prerequisite: El E 353. (1)
- 450. DIGITAL COMMUNICATIONS LABORATORY.** Self-paced experiments covering measurement of characteristics of digital communication systems, modulation and demodulation. (3 lab hours). Corequisite: El E 447. Prerequisite: El E 353, El E 386. (1)
- 451. ELECTRICAL ENERGY CONVERSION.** Basic principles of electrical energy conversion; fundamentals of electromechanical devices and applications. DC and AC motors and generators. Transformers and electric power transmission. Prerequisite: El E 331, El E 341, Engr 360. (3)
- 452. ELECTRIC POWER TRANSFORMER LABORATORY.** Self-paced experiments covering principles of electric power transmission using transformers including magnetic and equivalent circuits, efficiency, and losses. Corequisite: El E 451. (1)
- 453. SOLID STATE DEVICES.** Crystals, conduction, semiconductors, dielectric and magnetic materials, energy band theory applied to junction devices, transistors. Prerequisite: El E 351. (3)
- 461. SR. DESIGN IN ELECTRICAL ENGINEERING I.** (3 lab hours). Prerequisite: El E 353, El E 367. (1)
- 462. SR. DESIGN IN ELECTRICAL ENGINEERING II.** (6 lab hours). Prerequisite: El E 461. (2)
- 485. MICROPROCESSOR SYSTEMS ENGINEERING.** Microcomputer systems. Programming, software aids, and principles of microprocessor interfacing. Corequisite: El E 486. Prerequisite: El E 352, El E 353, El E 385, El E 386. (2)
- 486. MICROPROCESSOR SYSTEMS ENGR. LAB.** Design and application of digital integrated circuits; digital system realization; programming and interfacing microprocessors and electric systems. (3 lab hours). Corequisite: El E 485. (1)
- 487. DIGITAL SIGNAL PROCESSING LABORATORY.** Self-paced laboratory on the fundamentals of data acquisition and digital signal processing. (3 lab hours). Prerequisite: El E 354. (1)
- 521. ELECTRICAL ENGINEERING PROJECTS I.** Approved investigation of problem under direction of a member of the staff. May be repeated for credit. (3)
- 522. ELECTRICAL ENGINEERING PROJECTS II.** Approved investigation of problem under direction of a member of the staff. May be repeated for credit. (3)
- 523. MICROWAVE ENGINEERING.** Microwave integrated circuits, scattering matrix description of microwave circuit elements, computer analysis of cascade two-ports, microwave semiconductor devices. Prerequisite: El E 441 or graduate standing. (3)
- 525. INTRODUCTION TO ANTENNAS.** Linear antennas and use of computer programs for antenna analysis and design. Arrays of antennas, beam shaping methods, and mathematical techniques. Prerequisite: El E 441 or graduate standing. (3)
- 533. ELECTRONIC PROPERTIES OF MATERIALS.** Theories of electron/atom interactions and electron transport are examined to explain the electronic properties of solids. Junctions, magnetic, and optical properties are also discussed with special emphasis on semiconducting materials. (Same as M E 533). (3)
- 561. MICROWAVE CIRCUIT DESIGN.** Design projects on passive and active microwave circuits (self-paced). (6 lab hours). Prerequisite: El E 433 and El E 523 or graduate standing. (2)

## **ENGINEERING**

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Kai F. Lee, Dean, 101 Carrier Hall

<http://www.olemiss.edu/depts/engineering>

### **C OP**

**201. CO-OP WORK EXPERIENCE.** Work experience in business, industrial, governmental, professional, service, or other organizations to provide on-the-job training and professional preparation in the student's area of interest. Z grade. Prerequisite: consent of department chairperson required. (1-6)

- 202. CO-OP WORK EXPERIENCE.** Work experience in business, industrial, governmental, professional, service, or other organizations to provide on-the-job training and professional preparation in the student's area of interest. Z grade. Prerequisite: consent of department chairperson required. (1-6)
- 301. CO-OP WORK EXPERIENCE.** Similar to the 200 series, but offering more difficult and responsible job assignments. Z grade. Prerequisite: consent of department chairperson required. (1-6)
- 302. CO-OP WORK EXPERIENCE.** Similar to the 200 series, but offering more difficult and responsible job assignments. Z grade. Prerequisite: consent of department chairperson required. (1-6)
- 401. CO-OP WORK EXPERIENCE.** Similar to the 300 series, but demanding higher levels of initiative, creativity, responsibility, and leadership. Z grade. Prerequisite: consent of department chairperson required. (1-6)
- 402. CO-OP WORK EXPERIENCE.** Similar to the 300 series, but demanding higher levels of initiative, creativity, responsibility, and leadership. Z grade. Prerequisite: consent of department chairperson required. (1-6)
- 501. CO-OP WORK EXPERIENCE.** Similar to the 400 series, but with job assignments offering more challenge and responsibility for the advanced student. Z grade. Prerequisite: consent of department chairperson required. (3)
- 502. CO-OP WORK EXPERIENCE.** Similar to the 400 series, but with job assignments offering more challenge and responsibility for the advanced student. Z grade. Prerequisite: consent of department chairperson required. (3)
- 503. CO-OP WORK EXPERIENCE.** Similar to the 400 series, but with job assignments offering more challenge and responsibility for the advanced student. Z grade. Prerequisite: consent of department chairperson required. (3)

## ENGR

- 100. INTRODUCTION TO ENGINEERING.** The purpose of this course is to provide students with an introduction to the problem-solving methods that engineers use when applying scientific principles for the creation of realistic solutions to everyday technical problems. (3)
- 207. GRAPHICS I.** Microcomputer-based sketching and drafting, interpretation of graphics, flow, and circuit diagrams, graphical representation of data. (1)
- 208. GRAPHICS II.** Continuation of engineering graphics tailored to suit individual needs in areas of structural and architectural detailing, perspective drawing, shadow designation, descriptive geometry, etc. Prerequisite: Engr 207. (2)
- 301. ENVIRONMENTAL ENGINEERING LAB I.** The application of common techniques used in the analysis of natural waters and domestic and industrial wastes is emphasized. The laboratory includes gravimetric, volumetric, electrometric and colorimetric methods of analysis. Laboratory is project oriented. Corequisite: C E 471. (1)
- 302. FLUID MECHANICS LABORATORY.** (3 lab hours). Prerequisite: Engr 321. (1)
- 307. TECHNICAL COMMUNICATIONS.** Fundamentals of speech and oral presentation, business communications, technical reporting, and problem solution layout. (2)
- 309. STATICS.** Vector algebra, resultants, equilibrium, friction, centroids, inertia, trusses, machines and frames, beam shear and moments. Corequisite: Math 263, Phys 211. (3)
- 310. ENGINEERING ANALYSIS I.** Solutions of differential equations by analytical and series methods, linear algebra and matrix theory, Fourier series and transforms, solution of partial differential equations, numerical analysis, probability and statistics. Prerequisite: Math 353. (4)
- 311. INTERMEDIATE MECHANICS.** Equilibrium of frames and machines; concepts of work and energy, impulse and momentum; friction, rotating frames of reference, kinetics and kinematics of rigid bodies; free and forced vibrations. Prerequisite: Engr 309. (3)
- 312. MECHANICS OF MATERIALS.** Mechanics of deformable bodies; stress, strain, Hooke's Law, axial loading, bending, torsion, and column problems; introduction to statically indeterminate problems. Laboratory demonstrations of buckling of columns and deflection of beams, plane stress analysis. Prerequisite: Engr 309. (3)
- 313. INTRODUCTION TO MATERIALS SCIENCE.** Fundamental concepts of materials science, including the structure and properties of materials and their relationship to material selection and system design. The internal structures of metals, ceramics, and polymers are examined to develop an understanding of their mechanical, electrical, physical, and chemical properties. Prerequisite: Chem 106. (3)



**314. MATERIALS SCIENCE LABORATORY.** Laboratory investigation of crystal structure, defects, and diffraction theory; solidification of solids; microstructurally controlled physical and mechanical properties. Corequisite: Engr 313. (1)

**321. THERMODYNAMICS.** Equilibrium, thermodynamic variables, equations of state, first and second laws of thermodynamics, single and multiphase systems. Prerequisite: Chem 105, Math 262, Phys 211. (3)

**322. TRANSPORT PHENOMENA.** Conservation of momentum, energy and mass, transport coefficients, balances in differential form. Prerequisite: Engr 321. (3)

**323. FLUID MECHANICS.** Physical properties of fluids, fluid statics, control volume approach (mass momentum and energy conversation), Bernoulli equation, dimensional analysis, friction and head loss, flow in closed conduits, forces over immersed bodies, turbomachinery, Navier-Stokes equations. Corequisite: Math 264, Engr 309. Prerequisite: Phys 211. (3)

**330. ENGINEERING SYSTEMS ANALYSIS AND DESIGN.** Mathematical modeling and solution techniques to determine system response and design parameter selection to meet the performance and stability considerations of basic engineering systems including mechanical, electrical, electromechanical, thermal, hydraulic, and feedback control systems. Case studies. Corequisite: Math 353. Prerequisite: Phys 212. (3)

**340. ENGINEERING GEOLOGY.** Introduction to properties and mechanics of earth materials: rock, soils and groundwater. Weathering and soil-forming processes. Geophysical methods. Hazards including mass wasting, subsidence, expansive soils, floods and earthquakes. Earth dams and dam foundations. Prerequisite: Chem 105 with minimum grade of C, Math 262 with minimum grade of C, Phys 211. (3)

**351. SOCIO-TECHNOLOGY I.** Social-technological-environmental systems, problems; natural laws, their impact on the socioeconomic structure, decision making, optimization; lectures, films, demonstrations; for nonengineering students. (3)

**352. SOCIO-TECHNOLOGY II.** Social-technological-environmental systems, problems; natural laws, their impact on the socioeconomic structure, decision making, optimization; lectures, films, demonstrations; for nonengineering students. (3)

**360. ELECTRIC CIRCUIT THEORY.** Fundamental circuit concepts and laws, network analysis and theorems, forced and transient response, steady-state response, coupled circuits, two-port networks. Corequisite: Math 353. Prerequisite: Phys 212. (4)

**361. ELECTRIC CIRCUIT LABORATORY.** Circuit elements and instruments; experiments dealing with series and two-port networks, voltage, current, power, vars. Prerequisite: Engr 360 or Engr 362. (1)

**362. INTRODUCTORY ELECTRIC CIRCUIT THEORY.** Fundamental circuit concepts and laws, network analysis and theorems, steady state response, coupled circuits, two port networks. Corequisite: Math 353. Prerequisite: Phys 212. (3)

**363. INTRODUCTORY ELECTRIC CIRCUIT LABORATORY** Circuit elements and instruments; experiments dealing with series and two port networks, voltage, current, average and complex power. (1)

**400. LEADERSHIP & PROFESSIONALISM IN ENGINEER.** This seminar will introduce students to leadership and entrepreneurial skills necessary for today's engineering industry. The importance of professionalism in engineering will be emphasized. (1)

**401. ENVIRONMENTAL ENGINEERING LAB II.** Development of environmental analytical techniques and support skills; collection of high quality data and appropriate analysis and presentation is emphasized. Computer use is required. Corequisite: Engr 537. Prerequisite: Engr 301. (1)

**402. ENGINEERING FUNDAMENTALS.** Review of fundamentals of engineering, including mathematics, chemistry, statics, dynamics, mechanics of materials, fluid mechanics, thermodynamics, electric circuit, material science, engineering economics and ethics. Discipline specific subjects such as chemical, civil, electrical, environmental, and mechanical engineering will be reviewed depending on the composition of the class. (1)

**407. LEGAL AND MORAL ASPECTS OF ENGINEERING.** Professional conduct, registration and licensing, contracts, regulations, and responsibilities to society. (1)

**410. ENGINEERING ANALYSIS II.** Review of vector algebra; functions of several variables; multiple integrals; line integrals, and vector integral calculus; complex numbers, limits, analytical functions, and derivatives; line integrals; Cauchy's theorem and formula; Taylor and Laurent series; residue theory. Prerequisite: Math 264, Math 353. (4)

**415. ENGINEERING ACOUSTICS I.** Development of analytical basis for acoustic wave production and propagation. Specific attention will be devoted to governing equations, energetics,

propagation, and production of three-dimensional acoustic waves. Prerequisite: Math 353, Phys 212. (3)

**453. PROB AND STAT ANALYSES IN ENGR DESIGN.** Introduction to probability, statistics, uncertainty, and reliability. Application of common continuous and discrete probability distributions. Design under uncertainty and elementary decision analysis. Simulation of random variables. Applications in natural and man-made materials, hydrological and geological conditions and other natural processes and engineering design. Prerequisite: Math 263 with minimum grade of C. (3)

**501. FUNDAMENTALS OF COMPUTER SCIENCE.** Survey of fundamental topics in computer science, including machine, assembler and high-level languages, design of assemblers, loaders, macro processors and compilers, operating system concepts, and other material essential for graduate work in computer science. (3)

**502. SOFTWARE SYSTEMS.** Survey of fundamental topics in computer science, including machine, assembler, and high-level languages, design of assemblers, loaders, macro processors and compilers, operating system concepts, and other material essential for graduate work in computer science. (3)

**515. ACOUSTICS.** Mathematical description of sound propagation with various boundary conditions. (Same as Phys 521). (3)

**537. ENVIRONMENTAL ENGINEERING II.** Ecology, toxicology, design of wastewater and water treatment systems, modeling of surface water, groundwater, and air quality. Prerequisite: C E 471 or graduate standing. (3)

**540. ENVIRONMENTAL ORGANIC TRANSPORT PHENOMENA.** Using chemical equilibria and transport to predict the fate of chemicals in the natural environment. Course goal: a comprehension of the underlying engineering science principles; thereby, fostering greater problem solving creativity. The course shows that the same principles that govern transport are used in the design of environmental treatment processes. Prerequisite: Engr 321. (3)

**551. ENGINEERING THERMODYNAMICS.** Advanced classical thermodynamics of systems of constant composition; emphasis on topics particularly useful to thermodynamic analysis in engineering. (3)

**553. HEAT TRANSFER.** Transient and multidimensional heat conduction, free and forced convection, thermal radiation; design of heat transfer systems; analytical and numerical methods. Prerequisite: Engr 322 or graduate standing. (3)

**558. VIBRATION ANALYSIS.** This course is intended to establish a systematic treatment of problems in the vibration of linear systems. Topics covered include systems with multiple degrees of freedom, properties of vibrating systems, vibration of continuous systems, and approximate numerical methods for finding natural frequencies. (3)

**559. ELEMENTS OF ROBOTICS.** This course will concentrate on the mechanical aspects of robotic manipulators, including manipulator kinematics, dynamics, and trajectory generation. This course will provide a thorough treatment of the fundamental skills underlying the use and mechanics of manipulators. (3)

**572. ADVANCED SANITARY ANALYSIS.** Introduction to advanced theoretical concepts in sanitary engineering with special emphasis on inorganic, organic, and physical chemistry. Prerequisite: C E 471 or graduate standing. (3)

**573. ENVIRONMENTAL REMEDIATION.** Characterization and remediation of contaminated soil ground water, and surface water. Sources of contamination, regulations, health effects, sampling, monitoring, analysis and remediation technologies. Non-point source pollution and best management practices. (3)

**577. GEOPHYSICS I.** Gravity and magnetic theory and methods. (3)

**579. GEOPHYSICS II.** Seismic and electrical theory and methods of subsurface investigation. (Same as G E 579). (3)

**581. APPLICATIONS IN GEOPHYSICS.** Design and analysis of geophysical field problems. (4 lab hours). May be repeated for a maximum of 6 hours. (3)

**582. INTERDISCIPLINARY FIELD PROJECTS.** Interdisciplinary field projects for geologists, geological engineers, and civil engineers. For example, the course may cover waste management design or offshore drilling and sampling, or mineral recovery projects. (1-6)

**585. MECHANICS OF COMPOSITE MATERIALS I.** Development of constitutive laws governing the hygro-thermo-mechanical response of composite material systems. Micromechanical and macromechanical modeling, laminate theory, definition and comparison of failure criteria. Damage modeling and fatigue studies. Prerequisite: Engr 312 or graduate standing. (3)

**590. FINITE ELEMENT ANALYSIS I.** Introduction to the finite element method; formulation of linear BVP arising in engineering analysis; solution of model problems in 1D and 2D; shape functions and numerical integration; element formulations; applications in solid and fluid mechanics. (3)

**591. ENGINEERING ANALYSIS I.** Application of higher mathematics to engineering problems; special emphasis on the expression of engineering problems in mathematical terminology. Prerequisite: Math 353 or graduate standing. (3)

**592. ENGINEERING ANALYSIS II.** Application of higher mathematics to engineering problems; special emphasis on the expression of engineering problems in mathematical terminology. Prerequisite: Math 353 or graduate standing. (3)

**593. APPROXIMATE METHODS OF ENGR ANALYSIS I.** Application of approximate methods to solve boundary value and eigen-value problems; approximate analytical methods (series solutions); variational principles and numerical methods (finite difference, finite element, computer simulation). Prerequisite: Math 353 or graduate standing. (3)

**594. APPROXIMATE METHODS OF ENGR ANALYSIS II.** Application of approximate methods to solve boundary value and eigen-value problems; approximate analytical methods (series solutions); variational principles and numerical methods (finite difference, finite element, computer simulation). Prerequisite: Math 353 or graduate standing. (3)

**596. SPECIAL PROJECTS I.** Approved investigation of original problems under the direction of a staff member. May be repeated for credit. (1-3)

**597. SPECIAL PROJECTS II.** Approved investigation of original problems under the direction of a staff member. May be repeated for credit. (1-3)

**598. SPECIAL PROJECTS III.** Approved investigation of original problems under the direction of a staff member. May be repeated for credit. (1-3)

## ENGLISH

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Patrick J. Quinn, Chair, C128 Bondurant Hall

<http://www.olemiss.edu/depts/english>

Six hours of English composition are prerequisites for all 200-level literature courses. Six hours of 200-level literature courses are prerequisites for all 300-level and above English courses.

### ENGL

**101. ENGLISH COMPOSITION I.** Instruction in composition, grammar, and reading with particular emphasis on actual practice in writing. (3)

**102. ENGLISH COMPOSITION II.** Introduction to literature, with instruction in composition, grammar, and reading with particular emphasis on actual practice in writing. (3)

**221. SURVEY OF WORLD LITERATURE TO 1650.** Prose, poetry, and drama. (3)

**222. SURVEY OF WORLD LITERATURE SINCE 1650.** Prose, poetry, and drama. (3)

**223. SURVEY OF AMERICAN LIT TO THE CIVIL WAR.** Prose, poetry, and drama. (3)

**224. SURVEY OF AMERICAN LIT SINCE CIVIL WAR.** Prose, poetry, and drama. (3)

**225. SURVEY OF BRITISH LIT TO 18TH CENTURY.** Prose, poetry, and drama. (3)

**226. SURVEY OF BRIT LIT SINCE ROMANTIC PERIOD** Prose, poetry, and drama. (3)

**250. APPLIED WRITING.** A practical course for students who desire additional instruction and experience in writing. Special emphasis on developing techniques of effective written communication. (3)

**301. SURVEY OF ROMAN LITERATURE.** Reading in English translation of important works in the literature of Rome; Roman contributions to the development of European and English literature. (Same as Clc 308). (3)

**303. GREEK AND ROMAN TRAGEDY.** Reading in English translation of the works of authors such as Aeschylus, Sophocles, Euripides, and Seneca. May also consider the theatrical and social contexts and influence on subsequent drama. (Same as Clc 303). (3)

**304. GREEK AND ROMAN COMEDY.** Reading in English translation of the works of authors such as Aristophanes, Menander, Plautus, and Terence. May also consider the theatrical and social contexts and influence on subsequent drama. (Same as Clc 304). (3)

- 305. TOPICS IN CLASSICAL MYTHOLOGY.** Intensive study of a particular figure or topic in Greek and Roman mythology. (Same as Clc 305). (3)
- 307. SURVEY OF GREEK LITERATURE.** (Same as Clc 307). (3)
- 309. GREEK AND ROMAN EPIC.** Readings in English translation of a selection of Greek and Roman epics by authors such as Homer, Hesiod, Vergil, and Ovid. (Same as Clc 309). (3)
- 310. WOMEN IN THE SOUTH.** A study of the experience of women in the South as revealed primarily through their writings and other expressions. (Same as G St 310). (3)
- 311. BEGINNING FICTION WORKSHOP.** An introduction to fiction through reading and writing short stories. (3)
- 313. INTRODUCTION TO LINGUISTIC SCIENCE.** The study of human language. (Same as Ling 313). (3)
- 314. PHONOLOGY.** Human speech sounds and the sound systems of languages. (Same as Ling 314). (3)
- 315. MORPHOLOGY.** Linguistic units of lexical meaning and grammatical and derivational functions. (Same as Ling 315). Prerequisite: Ling 313. (3)
- 316. SYNTAX.** Words interacting in larger units such as the sentence, as well as a survey of syntactic models. (Same as Ling 316). Prerequisite: Ling 313. (3)
- 317. BEGINNING POETRY WORKSHOP.** An introduction to poetry through reading and writing poems. (3)
- 320. ADVANCED WRITING FOR MAJORS.** A structured, writing-intensive workshop designed to prepare English majors to write analytical essays and interpret literary works in a variety of forms and genres. (3)
- 322. AFRICAN AMERICAN LIT SURVEY TO 20TH CENTURY.** Selected African American prose, poetry, and drama from early settlement to the 20th century. (Same as Aas 341). (3)
- 323. AFRICAN AMER LIT SURVEY OF THE 20TH CENTURY.** Selected African American prose, poetry, and drama of the 20th century. (Same as Aas 342). (3)
- 324. BLUES TRADITION IN AMERICAN LITERATURE.** This course will examine how writers have translated the oral culture and social milieu of blues musicians into a range of literary forms, including epigrams, poems, stories, novels, plays, folkloric interviews, and autobiographies. (3)
- 325. SURVEY OF NATIVE AMERICAN LITERATURE.** (3)
- 333. POETRY AND POLITICS AT ROME.** The relationship between politics and literature in ancient Rome, focused on works of central importance in the history of Latin literature. Readings to include drama, lyric, elegy, and satire as well as Vergil's Aeneid in English. (Same as Clc 333). (3)
- 340. RENAISSANCE EPIC.** Survey of 16th- and 17th-century epics with attention to the development of the form. (3)
- 341. RENAISSANCE DRAMA EXCL OF SHAKESPEARE.** English drama from the period 1560 to 1642. (3)
- 351. TOPICS IN CONTEMPORARY LITERATURE.** Content varies; may be repeated once for credit. (3)
- 352. SELECTED TOPICS IN POPULAR LITERATURE.** Studies in less traditional literary forms and themes that reflect popular culture, such as science fiction, the "Western," the literature of war, etc. Content varies; may be repeated once for credit. (3)
- 353. INTRODUCTION TO FILM.** Study of film technique and terminology, as well as various approaches to film criticism. A lecture course with weekly showing of films. (3)
- 355. SOCIOLINGUISTICS.** Survey of language variation; quantitative and qualitative methodologies; societal norms for language behavior and attitudes toward speech. (Same as Ling 320). (3)
- 360. WOMEN IN LITERATURE.** A study of the images of women in British and American literature. Content will vary. (Same as G St 360). (3)
- 362. AMERICAN ENVIRONMENTAL LIT 1850-PRESENT.** A survey of major works. (3)
- 365. GAY AND LESBIAN LITERATURE AND THEORY.** A study of the theoretical perspective involved in the analysis of gay and lesbian representations in literature and other media. (Same as G St 365). (3)
- 368. SURVEY OF SOUTHERN LITERATURE.** The development of regional culture will be traced through Southern writers, with special emphasis on 20th-century literature. (3)
- 371. AFRICAN LITERATURE.** A survey of the development of African literature in the context of African history and of the political, social, and cultural forces that have influenced various African countries. (Same as Aas 371). (3)

- 372. SOUTH ASIAN LITERATURE.** A survey of the literatures of South Asia, from ancient Hindu and other writings to postcolonial literatures in the present. Accordingly, texts will include, but not be limited to, major Indian and Anglo-Indian writers. (3)
- 373. CARIBBEAN LITERATURE.** A survey of Caribbean literature from pre-Columbian cultures to the present. Emphasis on the development of Caribbean literature in the context of Caribbean history and of the political, social, and cultural forces that shaped different Caribbean societies. (Same as Aas 373). (3)
- 374. IRISH LITERATURE.** The development of a distinctively Irish literature in the 20th century, studied in the context of Irish history and of the political, social, and cultural forces that have shaped modern Ireland. (3)
- 376. RENAISSANCE AND EARLY MODERN STUDIES.** Interdisciplinary approach to this era in European history through a study of its literature, religion, economic conditions, artistic and scientific achievements, as well as its politics, geographical exploration, colonization, and slave trade. Required of all Renaissance and Early Modern Studies minors but open to all students. (Same as His 376, Mlll 376). (3)
- 380. BRITISH LIT OF THE ROMANTIC PERIOD.** Survey of the principal works of major authors of the Romantic Period in British literature (roughly 1789-1832). Authors to be covered may include William Blake, William Wordsworth, Samuel Taylor Coleridge, Matthew G. Lewis, Jane Austen, Lord Byron, Percy Bysshe Shelley, and John Keats. (3)
- 385. SHAKESPEARE.** A study of the major plays. (3)
- 390. JR SEMINAR: MAJOR AUTHORS OF BRITISH LIT.** Readings in British writers of literary significance, covering a range of history and genres. A writing-intensive course that includes literary terminology and research. (3)
- 391. JR SEMINAR: MAJOR AUTHORS OF AMER LIT.** Readings in American writers of literary significance, covering a range of history and genres. A writing-intensive course that includes literary terminology and research. (3)
- 392. JR SEMINAR: MAJOR AUTHORS OF WORLD LIT.** Readings in world writers of literary significance, covering a range of history and genres. A writing-intensive course that includes literary terminology and research. (3)
- 393. LITERATURE ON LOCATION I.** Special topic classes taught by English department faculty in locations outside the United States. May be repeated once for credit, with approval of department chair. (3)
- 395. TOPICS IN ENGLISH ABROAD I.** Students do departmentally approved course work at a foreign university. May be repeated with permission of chair of the Department of English. (1-6)
- 396. JUNIOR SEMINAR: DRAMA.** Readings in genre and theory. A writing-intensive course that includes literary terminology and research. (3)
- 397. JUNIOR SEMINAR: POETRY.** Readings in genre and theory. A writing-intensive course that includes literary terminology and research. (3)
- 398. JUNIOR SEMINAR: LITERARY CRITICISM.** Readings in criticism and theory. A writing-intensive course that includes literary terminology and research. (3)
- 401. ADVANCED ENGLISH GRAMMAR.** Morphology and syntax, with emphasis on traditional scholarly approaches to usage. (Same as Ling 401). (3)
- 402. GREEK TRAGEDY IN ENGLISH TRANSLATION.** Analysis of one tragedy each by Aeschylus and Sophocles and two by Euripides. (3)
- 403. AMERICAN LIT CULTURE SINCE 1800 I.** American cultural ideas as reflected in literature. (3)
- 404. AMERICAN LIT CULTURE SINCE 1800 II.** American cultural ideas as reflected in literature. (3)
- 405. CHAUCER.** The major works. (3)
- 408. SHAKESPEARE ON FILM.** The study of Shakespeare's plays in action through an analysis of film. (3)
- 409. GREEK DRAMA IN ENGLISH TRANSLATION.** The works of Aeschylus, Sophocles, Euripides, Aristophanes, and Menander in English translation. (3)
- 410. THE NOVEL.** Representative novels, with attention to varieties of narrative. (3)
- 412. 20TH CENTURY POETRY IN ENGLISH.** English and American poetry since 1900. (3)
- 414. RENAISSANCE POETRY.** Survey of English nondramatic poetry of the 16th and 17th centuries. (3)
- 415. APPROACHES TO DISCOURSE.** Theories of discourse and discourse analysis, including methodologies for the study of language texts. (Same as Ling 415). (3)

- 418. WRITING EXPOSITORY PROSE.** Emphasis on nonfiction writing (for those who have shown some talent as writers). Prerequisite: instructor approval required. (3)
- 419. ADVANCED POETRY WORKSHOP.** Prerequisite: Engl 317 or consent of instructor. (3)
- 420. CONTEMPORARY LITERARY THEORY.** Current issues and intellectual trends in literary theory. (3)
- 424. ADVANCED FICTION WORKSHOP.** Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Engl 311 or consent of instructor. (3)
- 425. MODERN AMERICAN DRAMA.** A lecture/discussion course on American drama of the 20th century. (3)
- 426. MODERN BRITISH DRAMA.** British drama from the 20th century to the present. (3)
- 427. MEDIEVAL DRAMA.** Survey of “pre-Shakespearean” English drama. (3)
- 430. PRAGMATICS.** The study of language in context including speech acts, conversational structure, implicature, presupposition, and politeness. (Same as Ling 430). (3)
- 434. DIALECTS OF AMERICAN ENGLISH.** An investigation of the formation of and variation within American English dialects. (Same as Ling 435). Prerequisite: Ling 313. (3)
- 435. MAJOR AUTHOR OF THE 18TH CENTURY.** Intensive study of the works of a major literary figure. Content varies; may be repeated once for credit. (3)
- 436. MAJOR AUTHOR OF THE 19TH CENTURY.** Intensive study of the works of a major literary figure. Content varies; may be repeated once for credit. (3)
- 437. MAJOR AUTHOR OF THE 20TH CENTURY.** Intensive study of the works of a major literary figure. Content varies; may be repeated once for credit. (3)
- 438. LANGUAGE AND GENDER.** (3)
- 439. SEMINAR ON SHAKESPEARE.** Intensive study of Shakespeare’s plays in their cultural and historical context. Prerequisite: Engl 385 or consent of instructor. (3)
- 440. STUDIES IN THE ROMANTIC PERIOD.** Content varies. May be repeated once for credit. (3)
- 441. COMPARATIVE BLACK LITERATURES.** A study of various black literatures, including African, African-American, and African-Caribbean, in a comparative, socio-cultural context. (Same as Aas 441). (3)
- 442. LATINA AND LATINO LITERATURES.** Selected readings in Caribbean, Hispanic, Chicano/a, and other literatures by U.S. Hispanics. Emphasis on the development of distinct Latino/a literatures in the context of the history of Latin American immigrants in the United States and the forces of exclusion and assimilation that impact the shaping of different Latino/a identities. (3)
- 447. ANIMALS IN LITERATURE.** This course traces historical changes in the representation of animals in literary and cultural texts like film. (3)
- 448. NATURE WRITING.** Course includes field work. (3)
- 449. STUDIES IN ENVIRONMENTAL LITERATURE.** (3)
- 450. 20TH CENTURY BRITISH LITERATURE.** (3)
- 451. CONTEMPORARY BRITISH FICTION.** (3)
- 454. STUDIES IN GOTHIC LITERATURE.** Content varies. (3)
- 455. STUDIES IN VICTORIAN LITERATURE.** (3)
- 456. STUDIES IN THE VICTORIAN NOVEL.** (3)
- 457. RESTORATION AND 18TH CENT. BRITISH LIT.** (3)
- 458. RESTORATION AND 18TH CENTURY BRIT DRAMA.** (3)
- 460. AMERICAN FICTION 1919 TO 1940.** Areas of focus include the development of American modernism, the proletarian novel, and other forms of narrative. (3)
- 461. STUDIES IN CONTEMPORARY AMERICAN FICTION.** (3)
- 462. AMERICAN NOVEL TO 1920.** Origins and development of the genre. (3)
- 463. WRITERS OF THE AMERICAN RENAISSANCE.** Authors may include Emerson, Thoreau, Hawthorne, Melville, Poe, and others. (3)
- 466. FAULKNER.** Reading and study of selected fiction. (3)
- 467. THE SOUTH IN FILM.** A historical examination of Southern culture as perceived in the American film. Comparative analysis of motion pictures, television plays, and their literary sources. (3)
- 468. TOPICS IN FILM STUDIES.** Advanced study of specific genres, historical periods, directors or themes. Content varies; may be repeated once for credit. (3)

- 471. THE IDEA OF THE POSTCOLONIAL.** Literature produced by writers in previously colonized countries; including a study of critical arguments suggesting that these texts contribute to a distinct literary theory. (3)
- 473. STUDIES IN IRISH LITERATURE.** Selected topics in Irish literary studies. (3)
- 475. SOUTHERN ENVIRONMENTAL WRITING.** Fiction, nonfiction prose (including travel writing and memoir as well as nature writing) and poetry written about the human and nonhuman ecologies of the South. (3)
- 476. STUDIES IN SOUTHERN LITERATURE.** (3)
- 480. STUDIES IN A MAJOR AUTHOR OF RENAISSANCE.** Content varies; may be repeated once for credit. (3)
- 481. SPECIAL TOPICS IN RENAISSANCE LITERATURE.** Studies of a major theme or problem. Content varies; may be repeated once for credit. (3)
- 482. RENAISSANCE WOMEN WRITERS.** Study of works from the 16th and 17th centuries. (Same as G St 482). (3)
- 483. RENAISSANCE LIT AND THE ENVIRONMENT.** This course studies relationships between Renaissance literary texts and Renaissance concepts of and interactions with the natural world in England. (3)
- 493. LITERATURE ON LOCATION II.** Special topic classes taught by English department faculty in locations outside the United States. May be repeated once for credit, with approval of department chair. (3)
- 494. SEMINAR ON LITERATURE & GENDER.** Images of women and men in literature by women and men, the special role of the woman writer, recurrent formal and contextual convention in literature written by women, and feminist critical theory. Content varies. May be repeated for credit. (Same as G St 494). (3)
- 495. TOPICS IN ENGLISH ABROAD II.** Students do departmentally approved course work at a foreign university. May be repeated with permission of chair of the Department of English. (1-6)
- 496. DIRECTED READING.** Independent study restricted to advanced majors. Topics, texts, and requirements will vary; substantial reading list and significant writing component required. See director of undergraduate English for further requirements. Prerequisite: instructor approval required. (3)
- 497. COMPREHENSIVE EXAMINATION PROJECT.** Required of all English majors. No grade. (0)
- 498. SEMINAR IN ENGLISH.** Intensive study of a major theme or movement in English, American, or world literature. Content varies; may be repeated once for credit. (3)
- 499. SENIOR THESIS.** A significant investigation under the supervision of a major professor. Prerequisite: senior or above standing required. (3-6)
- 501. DESCRIPTIVE GRAMMAR.** A structural examination of English grammar, with special attention to usage on different levels, formal and informal, standard and nonstandard, written and spoken; emphasis on phonology, morphology, and descriptive theories of grammar. (Same as Ling 501). (3)
- 502. HISTORICAL LINGUISTICS.** Study of words, speech languages, and language changes from the point of view of evolution in the course of time, particularly in Indo-European languages. (Same as Ling 502). (3)
- 503. OLD ENGLISH I.** An introduction to the Old English language—phonology, morphology, syntax, and vocabulary—and to Old English literature, with special attention to translating prose. (3)
- 504. OLD ENGLISH II.** A study of Beowulf; historical context, manuscript, translation, and interpretation. (3)
- 505. HISTORY OF THE ENGLISH LANGUAGE.** The development of the language from Old English to the present with particular attention to phonology and morphology. (Same as Ling 503). (3)
- 506. SEMANTICS.** Study of word meaning in human languages, especially English, history, issues, and theories of semantics. (Same as Ling 335). Prerequisite: Engl 401 or Engl 501 or Engl 592. (3)
- 507. TEACHING ENGLISH GRAMMAR.** Methods for teaching grammar to secondary school students. Will not count for credit for M.A., M.F.A., or Ph.D. in English. (3)
- 520. TEACHING WRITING FOR THINKING.** This course examines current theories and practices of teaching writing. The course focuses on the process theory of writing to foster thinking and learning in subject areas, collaborative learning, and error analysis and grammar instruction. (3)
- 521. NONFICTION WRITING.** Direction of individual writing projects. May be repeated once for credit. Prerequisite: instructor approval required. (3)

**535. FICTION WORKSHOP.** Advanced workshop intended for graduate students. Prerequisite: Engl 424 or consent of instructor. (3)

**536. POETRY SEMINAR.** Advanced workshop intended for graduate students. Prerequisite: instructor approval required. (3)

**566. FAULKNER STUDIES.** A study of the relationship between Faulkner's novels and the geography, history, and people of North Mississippi. (3)

**588. WRITING THEORY.** This course examines theories of rhetoric and composing as they conflict and converge to form our prevailing theories of writing. Following a brief survey of rhetorical theory, ancient to modern, the course focuses on contemporary theories of composing written discourse. (3)

**592. MODERN ENGLISH GRAMMAR.** Advanced treatment of syntactic structures, with special attention to current interpretations; emphasis on morphology and generative transformational theories of syntax. (Same as Ling 592). (3)

**595. SEMINAR IN LINGUISTICS.** Content varies. (3)

**598. TOPICS FOR ENGLISH TEACHERS.** Intensive study of a special topic in English designed for secondary school teachers. Emphasis on research and writing, pedagogy and classroom resources. May not be applied toward the M.A., M.F.A., or Ph.D. in English. May be repeated once for credit. (3)

**599. SPECIAL TOPICS IN ENGLISH.** Content varies. May be repeated once for credit. (3)

## FAMILY AND CONSUMER SCIENCES

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Teresa C. Carithers, Chair, Lenoir Hall

<http://www.olemiss.edu/depts/fcs/>

### FCS

**102. INTRODUCTION TO MERCHANDISING.** An overview of the producers, manufacturers, and retailers of goods and services. Includes career exploration. (3)

**111. SERVSAFE.** A national food safety course developed by the National Restaurant Association Educational Foundation, which grants certification in food safety to individuals who pass their normal exam. Corequisite: FCS 211, FCS 213. Prerequisite: D.N. or H.M. or F.C.S. (dietetics and nutrition or hospitality management) majors only. (1)

**150. INTRODUCTION TO THE FCS PROFESSION.** Exploring personal philosophy, career choices, history, philosophy, and mission of family and consumer sciences. (3)

**201. TEXTILES.** Study of textiles for specific uses. Emphasis on fiber, yarn, fabric, finish, design, care, performance, identification, rules, and regulations as applied to finished products. (3)

**205. SOFT GOODS MERCHANDISING.** Evaluation of the basic components, material, construction of soft goods. Assessment of price/quality relationships in design, manufacture, promotion, and distribution of soft goods. Prerequisite: FCS 201. (3)

**208. NUTRITION SCIENCE LABORATORY.** Laboratory to accompany FCS 209, Nutrition Science. Corequisite: FCS 209. (1)

**209. NUTRITION SCIENCE.** Introduction to the principles of the science of nutrition with implications for any applications to food selection for individuals of all ages. Corequisite: FCS 208. (3)

**210. HOSPITALITY INDUSTRY ACCOUNTING.** Review of financial statements as well an introduction to financial analysis, operations budgeting, and cash management specific to the hospitality industry. Prerequisite: Accy 201, enrollment restricted to family and consumer science majors. (3)

**211. PRINCIPLES OF FOOD PREPARATION.** Food principles and preparation techniques and their effects on food products. Corequisite: FCS 213, FCS 111. Prerequisite: D.N. or H.M. or F.C.S. (dietetics and nutrition or hospitality management) majors only. Students who withdraw from FCS 211 are required to withdraw from FCS 213. (2)

**212. MEAL MANAGEMENT.** (3)

**213. PRINCIPLES OF FOOD PREPARATION LAB.** Laboratory to accompany FCS 211. Students who withdraw from FCS 211 are required to withdraw from FCS 213. Corequisite: FCS 211, FCS 111. Prerequisite: D.N. or H.M. or F.C.S. (dietetics and nutrition or hospitality management) majors only. (1)



- 214. INTRODUCTION TO DIETETICS.** Examination of the dietetic profession including careers, professional issues, ethics, communication and counseling skills, and competencies required to become a registered dietitian. Prerequisite: B.S.D.N. or B.S.F.C.S. (dietetics and nutrition emphasis) majors only. (3)
- 215. INTRODUCTION TO HOSPITALITY MANAGEMENT.** An overview of the hospitality industry from its beginning to projections for the future. A systems approach is used to survey each segment of this industry. Prerequisite: enrollment restricted to B.S.D.N. or B.S.H.M. or B.S.F.C.S. majors only. (3)
- 302. DRESS WITHIN CULTURAL CONTEXT.** Examine and discuss the impact of culture, society, the economy and psychology on the clothing consumption practices of individuals, and groups in society. (3)
- 306. COSTUME HISTORY.** A survey of costume and the social, cultural, political, and technological developments that affected fashion changes, from antiquity to the present. (3)
- 310. NON STORE RETAILING.** Investigation of goods and services, offered by nonstore retail formats such as telemarketing, catalogs, television, and the Internet in meeting consumer needs and wants. Prerequisite: Mktg 351, Mktg 367. (3)
- 311. NUTRITION.** Fundamental principles of human nutrition; application to needs of individuals and families at all stages of the life cycle. (3)
- 312. CATERING.** . (3)
- 323. HUMAN DEVELOPMENT ACROSS THE LIFESPAN.** Life span of human development, including physical, intellectual, emotional, and social development; the needs of individuals throughout the life span; and the formation and maintenance of human relationships. (3)
- 325. FAMILY RELATIONS.** A functional approach to family relationships. (3)
- 327. TOPICS IN HUMAN DEVELOPMENT.** A study of the internal and external social processes impacting individuals, including public policies, diversity, and ethical issues in the workplace. (3)
- 328. CHILD DEVELOPMENT.** The development of children from conception through pre-puberty. Prerequisite: FCS 323. (3)
- 329. GENDER AND FAMILIES.** An analysis of the intersection of gender and families. (Same as G St 329). Prerequisite: FCS 325 with minimum grade of C. (3)
- 331. MICRO ENVIRONMENTS.** (3)
- 343. SOCIOECONOMICS ASPECTS OF HOUSING.** Alternatives, decisions, and constraints in meeting family housing needs. Relationship of housing to the social, economic, and political systems of the culture. (3)
- 360. LEGAL ISSUES IN THE HOSPITALITY INDUSTRY** Application of management theory and techniques to the hospitality industry as applied to the issues of law. Includes topics such as discrimination, tort, innkeeper liability to guests and contracts in the hospitality industry. Prerequisite: B.S.H.M. or B.S.F.C.S. (hospitality management emphasis) majors only. (3)
- 361. FRONT OFFICE ADMINISTRATION.** To provide students with a comprehensive working knowledge of hotel operations, policies, and procedures. Prerequisite: FCS 215. (3)
- 363. FOODSERVICE PROCUREMENT.** Purchasing methods based on standards of quality, grade, care, and storage for food and nonfood supplies. Purchasing, installation, operation, and care of large foodservice equipment. Prerequisite: D.N. or H.M. or F.C.S. (dietetics and nutrition or hospitality management) majors only. (3)
- 370. THE HOSPITALIZED CHILD.** Examine and discuss issues regarding child life in hospitals. (3)
- 373. CONSUMER ECONOMICS.** An examination of consumer behaviors and economic principles that apply to consumer decisions across the life span including purchasing, saving, borrowing, investing, and managing risks. Prerequisite: junior standing required. D.N. or H.M. or F.C.S. (dietetics and nutrition or hospitality management) majors only. (3)
- 403. NEW YORK TOUR.** New York tour targets trade associations, producers, manufacturers, retailers, and allied sectors that support merchandising careers. Student-paid experience. (3)
- 410. MEDICAL NUTRITION THERAPY I.** An orientation to the profession of dietetics; includes types of services, nutrition assessment, introduction to therapeutic nutrition, requirements for dietetic registration, and responsibilities of practitioners. Prerequisite: FCS 311, B.S.D.N. or B.S.F.C.S. (dietetics and nutrition emphasis) majors only, junior standing required. (3)
- 411. MEDICAL NUTRITION THERAPY II.** Scientific principles underlying specific nutrients and their functions in human metabolism. Review of current professional literature in nutrition. Prerequisite: FCS 410, B.S.D.N. or B.S.F.C.S. (dietetics and nutrition emphasis) majors only, junior standing required. (3)

- 412. MEDICAL NUTRITION THERAPY III.** Modification of the normal diet to meet nutritional needs in the prevention and treatment of disease. Prerequisite: FCS 411, B.S.D.N. or B.S.F.C.S. (dietetics and nutrition emphasis) majors only. (3)
- 415. EXPERIMENTAL FOOD STUDY.** Experimental study of chemical and physical factors affecting standard food preparation procedures. Prerequisite: B.S.D.N. or B.S.F.C.S. (dietetics and nutrition emphasis) majors only. (3)
- 417. COMMUNITY NUTRITION.** Nutrition services and problems in the community. Supervised experience in methods for determining and implementing action programs in nutrition education. Prerequisite: FCS 410, B.S.D.N. or B.S.F.C.S. (dietetics and nutrition) majors only. (3)
- 418. FIRST CHOICE PURCHASING.** Procurement education that supports the delivery of nutritious, appealing meals to children while emphasizing the links among purchasing, nutrition integrity, food safety, and financial success of USDA child nutrition programs. Prerequisite: instructor approval required. (3)
- 420. MERCHANDISE MANAGEMENT.** Procedures for purchasing, reporting, and analyzing data crucial to success of the organization. Prerequisite requirement for this course may also be satisfied by consent of instructor. Prerequisite: Accy 201 with minimum grade of C. (3)
- 421. GLOBAL TEXTILES AND APPAREL MARKETING.** Examination of trade in fiber, textile, and apparel within the global marketplace. Prerequisite: Mktg 367, FCS 102, FCS 201, FCS 205. (3)
- 422. ADMINISTRATION OF CHILD DEVELOPMENT PROG** Issues, functions, and responsibilities involved in developing and implementing childcare programs. Included are types of programs, staffing, scheduling, environmental design, equipment, evaluation, and financing. Prerequisite: FCS 328. (3)
- 424. INTERNATIONAL RETAILING.** The macro and micro factors associated with a retail strategy in pursuing international markets. Prerequisite: Bus 271, Econ 202, Econ 203, Mktg 351, Mktg 361, FCS 102. (3)
- 425. ADOLESCENTS AND FAMILIES.** The social processes, changes, experiences, expectations and requirements of families with adolescents in our society. Prerequisite: FCS 323, FCS 325. (3)
- 427. AGING AND FAMILIES.** Social processes, changes, experiences, expectations, and requirements of families with aging members. Prerequisite: FCS 323, FCS 325. (3)
- 441. HOSPITALITY SYSTEMS MANAGEMENT.** Introduction of the key management components applied in commercial food and beverage operations management. Prerequisite: FCS 111, B.S.H.M. or B.S.F.C.S. (hospitality management emphasis) majors only. (3)
- 444. STRATEGIC ISSUES IN SERVICES.** Merchandising strategy in a dramatically changing, intensely competitive marketplace, focuses on key concepts in strategic retailing, success requirements, environment, and consumer tastes. Prerequisite: Bus 271, Mktg 361, Mktg 367, FCS 102, Mgmt 371. (3)
- 445. HOME ENVIRONMENT MANAGENT/MD.** (3)
- 451. PARENTING ACROSS THE LIFE SPAN.** A study of how parents teach, guide, and influence throughout the life span. Topics include parenting as a process, parental rights and responsibilities, parental roles over the life cycle, and variations in parenting practices. Prerequisite: FCS 325, FCS 323 with minimum grade of C. (3)
- 453. WORKSHOP IN HOME ECON.** (1-3)
- 461. FOODSERVICE SYSTEMS MANAGEMENT I.** Management of foodservice systems and the interrelationships among foodservice systems components. Prerequisite: FCS 211, Mgmt 371, B.S.D.N. or B.S.F.C.S. (dietetics and nutrition emphasis) majors only. (3)
- 462. QUANTITY FOOD PRODUCTION AND SERVICE.** Principles and fundamentals of quantity food production and service in commercial and institutional operations, menu planning, recipe standardization, human resource utilization, hazard analysis of critical control points, and costing. Corequisite: FCS 472. Prerequisite: FCS 211, FCS 363, Mgmt 371. Enrollment restricted to family and consumer science majors, senior or above standing required. (3)
- 464. HOSPITALITY SERVICES PROMOTION.** Application of marketing theory and practices to the hospitality industry. Prerequisite: Mktg 351, FCS 215. (3)
- 465. FOODSERVICE SYSTEMS MANAGEMENT II.** A continuation of the study of foodservice systems begun in FCS 461. Prerequisite: FCS 461. (3)
- 467. HOSPITALITY SERVICES FINANCIAL MGMT.** Application of financial management theory and techniques to the hospitality industry. Prerequisite: Accy 201, FCS 210, FCS 215. (3)
- 468. HOSPITALITY MANAGEMENT STUDY TOUR.** A student-paid tour of selected hospitality centers, including domestic and international professional exhibitions, seminars, and conferences. (1-6)

- 469. ORIENTATION TO CHILD NUTRITION MANAGEMENT.** Topics include an overview of child nutrition programs, the role and responsibilities of a director, the relationship between local policies, state/federal regulations, and a variety of management topics. (3)
- 471. QUALITY SERVICE MANAGEMENT.** Study of management issues related to service and quality in hospitality service operations. (2)
- 472. QUANTITY FOOD PRODUCTION & SERVICE LAB.** Laboratory to accompany FCS 462. Corequisite: FCS 462. Prerequisite: enrollment restricted to family and consumer science majors. (2)
- 473. FAMILY LIFE EDUCATION.** A study of the general philosophy and broad principles of family life education. Prerequisite: FCS 323, FCS 325. (3)
- 474. STUDY TOUR IN HUMAN DEVELOPMENT.** A student-paid tour of sites or conferences related to human development. (3)
- 481. MERCHANDISING INTERNSHIP.** Individually obtained work experience in one or more facets of the merchandising industry. The work experience must be approved by the student's adviser. Prerequisite: Mktg 351 with minimum grade of C, Mktg 361 with minimum grade of C, Mktg 367 with minimum grade of C, FCS 102 with minimum grade of C, FCS 201 with minimum grade of C, FCS 205 with minimum grade of C, FCS 421 with minimum grade of C, FCS 444 with minimum grade of C, Mgmt 371 with minimum grade of C, instructor approval required. (3)
- 482. PRACTICUM IN CHILD AND FAMILY LIFE.** Prerequisite: instructor approval required. (3)
- 483. PRACTICUM IN DIETETICS AND NUTRITION.** Individually planned work/field experience in one or more facets of the dietetics and nutrition area. Experience must be approved by the student's adviser. Prerequisite: FCS 311 with minimum grade of C, FCS 461 with minimum grade of C, FCS 462 with minimum grade of C, FCS 417 with minimum grade of C, instructor approval required. (3)
- 484. PRACTICUM IN HOSPITALITY MANAGEMENT.** Individually planned work experience in one or more facets of the hospitality industry. The work experience must be approved by the instructor. Prerequisite: FCS 361 with minimum grade of C, FCS 462 with minimum grade of C, FCS 467 with minimum grade of C, instructor approval required. (3)
- 493. INDIVIDUAL/GROUP STUDY.** Development of special projects under supervision. Prerequisite: consent of department chairperson required, instructor approval required. (1-6)
- 501. RECENT DEVELOPMENTS IN CLOTH AND TEXTILE.** The use of new fibers and fabrics in clothing construction; experimentation with methods and techniques. Prerequisite: FCS 201. (3)
- 513. DEMONSTRATION TECHNIQUES.** Principles and procedures in the organization and presentation of demonstrations in various phases of home economics. (3)
- 515. NUTRITION IN WEIGHT MGMT. & EATING DISORDERS.** Energy metabolism and principles of human nutrition applied to weight control. Issues concerning the development and health effects of eating disorders will be examined. Prerequisite: FCS 311. (3)
- 516. NUTRITION IN AGING.** Nutritional needs of the aged, including concepts of menu selection and preparation. Psychological, physiological, and socioeconomic factors affecting dietary problems and practices among the elderly. Prerequisite requirements for this course may also be satisfied by equivalent course work as approved by the department. Prerequisite: FCS 311. (3)
- 521. FAMILY SEMINAR.** Examination of issues that face families across the life cycle, as well as public policy issues that impact families. (3)
- 523. EARLY CHILDHOOD EDUCATION.** (3)
- 525. SEM.-SCI./NBR. CONCEPTS.** (3)
- 527. SEM.-ART/MUSIC-EARLY CHILDHOOD.** (3)
- 535. HUMAN SEXUALITY.** The physiological, psychological, sociological, and ethical aspects of sexuality are addressed. Topics include, but are not limited to, the human sexual system, sexual response, gender identity and sexuality, sexual behavior and fulfillment, sexual expression, sexual value systems, sexual diseases, and sexual ethics. (3)
- 543. MANAGEMENT OF FAMILY FINANCIAL PROBLEMS.** Alternate ways of meeting family financial needs, including earning, spending, saving. (3)
- 550. SEMINAR IN ENTREPRENEURSHIP.** Implementation of a business plan. May require student-paid overnight travel to a regional center. Prerequisite: Accy 201 with minimum grade of C, Accy 202 with minimum grade of C, Bus 271 with minimum grade of C, Mktg 361 with minimum grade of C, Mktg 367 with minimum grade of C, FCS 102 with minimum grade of C. (3)
- 566. HUMAN RESOURCE DEVELOPMENT IN SERVICES.** Examination of human resource theories and techniques as they apply to service industries. Emphasis is placed on recruitment, selection,

and training and development of human resources for service organizations. Prerequisite: Mgmt 371 with minimum grade of C. (3)

**571. MARRIAGE AND FAMILY THERAPY.** Study of historical and contemporary contexts of family therapy and prominent family therapy models. (3)

**593. INDIVIDUAL STUDY.** Development of special projects under supervision. (1-6)

**595. INTERNATIONAL STUDY TOUR.** A student-paid tour of major European centers, related industries, markets, museums, cultural and historical points of interest. Requires permission of instructor, passport, visa (if applicable), and immunization shots. (3)

## FINANCE

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Bonnie F. Van Ness, Chair, 362 Holman Hall

<http://www.olemissbusiness.com/finance/>

### FIN

**303. MONEY AND BANKING.** Nature and functions of money and banking; relation of money and credit to the American political system, the Federal Reserve system, and national economic goals. (Same as Econ 303). Prerequisite: Econ 203 with minimum grade of C. (3)

**331. BUSINESS FINANCE I.** Principles of business finance with emphasis on financial analysis, investment decisions, cost of capital, and procurement of funds. Prerequisite: Accy 202, Econ 202 with minimum grade of C, Econ 203 with minimum grade of C, Econ 230 or Bus 230 with minimum grade of C. (3)

**333. MONETARY AND BANKING POLICY.** Commercial and central bank functions in monetary management. Also, principles and practices involved in the asset management, liability management, and capital planning areas of the commercial bank. Prerequisite: Econ 303 or Fin 303. (3)

**334. INVESTMENTS.** Survey of securities and securities markets; risk and yield; valuation; forecasting; and portfolio management. Prerequisite: C minimum in Econ 230 or Bus 230. Prerequisite or corequisite: Fin 331. (3)

**338. INTERMEDIATE FINANCIAL MANAGEMENT.** Problems and theories in financial decision making with attention given to acquisition and management of assets, cost of capital and procurement of funds. Prerequisite: Fin 331 with minimum grade of C, Fin 334, junior standing required. (3)

**339. PERSONAL FINANCE.** Financial decisions confronting individuals: budgeting; taxes; credit and borrowing; insurance; housing and investing. (3)

**341. RISK AND INSURANCE.** Basic principles of risk management and insurance; recognition, evaluation, and treatment of risk. An overview of the field. (3)

**342. LIFE AND HEALTH INSURANCE.** Addresses the concepts and analytical tools necessary to protect against the economic catastrophe caused by loss of life or health. Special emphasis is placed on business insurance and estate planning. Offered only during the fall semester. Prerequisite or corequisite: Fin 341. (3)

**351. PRINCIPLES OF REAL ESTATE.** A study of principles of land economics, the law dealing with property rights, agency, contracts and transfer of title; Mississippi licensing law, the Code of Ethics, and basic mathematics pertaining to the real estate industry. (3)

**353. REAL ESTATE VALUATION AND APPRAISAL.** A study of the theories of value as applied to both residential and income properties, determinants of value, underlying principles of valuation, and consideration of selected problems in appraisal with emphasis on residential property. Offered only during the fall semester. (3)

**355. REAL ESTATE FINANCE AND MORTGAGE BANKING** A study of principles and methods of financing real estate, sources of funds, types and contents of financing instruments, and the role of various institutions, both private and governmental. Offered only during the spring semester. Prerequisite: Fin 331 with minimum grade of C. (3)

**431. FINANCIAL DECISION MAKING.** Problems and cases in financial decision making with attention given to acquisition and management of assets, cost of capital, and procurement of funds. Prerequisite: Fin 331 with minimum grade of C, Fin 338 with minimum grade of C, Accy 301 or Accy 303 or Accy 309. (3)

**441. COMMERCIAL PROPERTY INSURANCE.** Managing the corporate risks of destroyed or damaged property and resulting losses of business income. Loss control and commercial insurance are the primary risk management methods studied. Offered only during the fall semester. Prerequisite or corequisite: Fin 341. (3)

**442. COMMERCIAL LIABILITY INSURANCE.** Addresses corporate losses caused by liability lawsuits. Legal liability for on-premises accidents or illnesses, transportation accidents, product defects, employee disability, and professional errors. Risk handling techniques include loss control, retention funds, and insurance. Offered only during the spring semester. Prerequisite or corequisite: Fin 341. (3)

**445. INTERNSHIP IN INSURANCE AND RISK MGMT.** On-the-job experience with a firm engaged in insurance and/or risk management. As well as performing job duties, students will analyze the firm's operations, management, strategic plans, and growth prospects. Prerequisite: Fin 341. Prerequisite requirements for this course may also be satisfied by consent of instructor. (3-6)

**451. REAL ESTATE LAW.** A consideration of the aspects of law and regulation at various levels of government applicable to real estate transactions, types of property interests, transfer instruments, and the role of the real estate agent. Prerequisite: Bus 250. (3)

**453. ADVANCED INCOME APPRAISAL.** An advanced study of appraising principles, procedures, and applications with emphasis on income property capitalization techniques. Offered only during the spring semester. Prerequisite: Fin 331 with minimum grade of C, Fin 351 with minimum grade of C. (3)

**461. FINANCIAL STATEMENT ANALYSIS.** Theory and advanced principles of finance with emphasis upon the use of the modern techniques in making business decisions. Prerequisite: Accy 201 with minimum grade of C, Accy 202 with minimum grade of C, Econ 202 with minimum grade of C, Econ 203 with minimum grade of C, Fin 331 with minimum grade of C, Bus 230 or Econ 230. (3)

**531. BUSINESS FINANCE TOPICS.** Theory and advanced principles of finance with emphasis upon the use of modern techniques in making business decisions. May be repeated once for credit with the consent of the chair. Prerequisite: Fin 331 with minimum grade of C. (3)

**533. SECURITY ANALYSIS AND PORTFOLIO MGMT.** Impact of economic factors and security markets upon security value; risk and return in efficient portfolios. Prerequisite: Fin 331 with minimum grade of C, Fin 334 with minimum grade of C, 300 or above Accy or Fin course. (3)

**534. MANAGING FINANCIAL INSTITUTIONS.** Loan, investment, and fund raising problems of commercial finance companies and factors, savings and loan associations, mutual savings banks, personal loan companies, and public lending agencies. (3)

**537. BANK MANAGEMENT I.** Principles, problems, practices, procedures, and regulations involved in the commercial, real estate, and installment lending areas of the commercial bank. Lecture and case problems. Offered only during the fall semester. Prerequisite: Fin 338 with minimum grade of C. (3)

**538. BANK MANAGEMENT II.** Principles, problems, practices, and procedures involved in the investment, trust, safekeeping, safe deposit, auditing, operations, marketing, and international areas of the commercial bank. Lecture, case problems, and bank simulation. Offered only during the spring semester. Prerequisite: Fin 537 with minimum grade of C. (3)

**542. CORPORATE RISK MANAGEMENT.** Corporate risks and the methods for handling them. Covers losses caused by natural disasters, legal liability suits, and financial price changes. Risk management methods include self-retention funding, loss prevention, insurance, and hedging contracts. (3)

**555. REAL ESTATE INVESTMENT ANALYSIS.** An application of investment principles and techniques of real estate, concentrating on the determination of the economic feasibility of real estate investments and the effects of financing and income taxes upon investment profitability. Offered only during the fall semester. Prerequisite: Fin 331 with minimum grade of C, Fin 351 with minimum grade of C. (3)

**568. INTERNATIONAL FINANCE.** Introduction to the financial problems of foreign operations. Foreign exchange, transfer of funds, banking services, international financial institutions, and investment decisions with major emphasis upon operational and financial problems of multinationals. Prerequisite requirements for this course may be satisfied by consent of instructor. (Same as Law 543). (3)

**581. FUTURES, OPTIONS, AND SWAPS.** Offers a survey of the market for derivative financial instruments, i.e., the market for futures, options, and swaps. Provides a balanced mix of institutional, theoretical, and applied knowledge about how these instruments are designed, priced, and used in practice. Prerequisite: Fin 331 with minimum grade of C, Fin 334 with minimum grade of C. (3)

**FORENSIC CHEMISTRY** See the Department of Chemistry and Biochemistry.

**FRENCH** See the Department of Modern Languages.

## **GENDER STUDIES**

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Mary C. Carruth, Director, Johnson Commons

[http://www.olemiss.edu/depts/sarah\\_isom\\_center/](http://www.olemiss.edu/depts/sarah_isom_center/)

### **G ST**

**103. WOMEN IN ANTIQUITY.** An introduction to the history and culture of ancient Greece and Rome through a consideration of the role and status of women in the classical world. Lectures with slides will be supplemented by readings of ancient texts in translation, in addition to textbook assignments. (Same as Clc 103). (3)

**201. WOMEN, GENDER, AND SOCIETY.** Introduction to the growing body of research available from many disciplines for the study of women. Comparison of traditional and feminist interpretations of the nature of women, their capabilities, and their roles in society. (3)

**301. GENDER AND CULTURE.** A study of gender roles within traditional and popular culture. The specific content of the course may vary in different semesters. Possible emphases might include women in the arts, women in film, women in the media, and women in popular culture. May be repeated once for credit with permission of director. (3)

**302. HISTORY OF CULTURE.** Origins of culture traced by means of archaeological evidence and presented to show the continuity of social life from basic human beginnings to present-day civilization. (Same as Anth 301). (3)

**303. THE FAMILY.** The American family as an institution and a group of interacting persons; the nature and problems of courtship, husband-wife, and parent-child relationships. (Same as Soc 301). Prerequisite: Soc 101. (3)

**310. WOMEN IN THE SOUTH.** A study of the experience of women in the South as revealed primarily through their writings and other expressions. (Same as Engl 310). (3)

**311. WOMEN & THE GODDESS IN EASTERN RELIGION.** Exploration of goddess figures and the social roles of women in the Hindu, Buddhist, and Taoist traditions. (Same as Rel 311). (3)

**312. WOMEN IN UNITED STATES HISTORY.** History of the struggle for equality in U.S. politics and culture. (Same as His 312). (3)

**321. RACE, GENDER COURSHIP AFRICAN AMER. HIST.** The course will examine concepts of courtship and romantic love among African Americans to access the central roles that race, gender, class and social forces played in the most private, and intimate of matters. Students will access that importance of "love" as a social construct among African Americans and how expressions of it complement or diverge from Euro-American conceptions. (Same as Aas 324 and His 324). (3)

**324. MEN AND MASCULINITIES.** This course examines the social meanings of masculinity and men's lives. Students will study men's movements as well as the "crisis of masculinity" and the costs and benefits of patriarchy for men. (Same as Soc 324). (3)

**325. SOCIOLOGY OF GENDER.** Examines the social and cultural construction of gender differences in contemporary U.S. society, focusing on the social history of gender roles and gender inequality in current cultural and institutional practices. (Same as Soc 325). (3)

**326. SAINTS AND SEXUALITY.** A survey of holy figures within Christianity and Islam with an emphasis on gender and the body. (Same as Rel 326). (3)

**333. GENDER THEORY.** An interdisciplinary course that analyzes various ways in which Western society has constructed gender roles and identities. Prerequisite: G St 201. (3)

**336. WOMEN IN SOUTHERN HISTORY.** A historical survey of Southern women with emphasis on research through documentary sources and oral history. (Same as His 336). (3)

**338. MASCULINITIES/FEMININITIES IN AMERICA.** An analysis of changing views of the masculine and the feminine in American culture since 1607. Class, racial, and ethnic differences will be emphasized. (Same as His 338). (3)

- 344. WOMEN AND WORLD POLITICS.** A comparative analysis of women's political roles in countries around the world. (Same as Pol 346). (3)
- 346. GENDER AND POWER IN LATIN AMERICA.** Examination of gender roles in Latin American history. (Same as His 346). (3)
- 352. WOMEN WRITERS OF THE AMERICAS.** Study of the development of feminist thought in the Americas through translations of works by women writers from North, Central, and South America and the Caribbean. (Same as Mill 352). (3)
- 354. POWER, KNOWLEDGE, AND GENDER.** Critical, interdisciplinary examination of identity as related to sex, race, and class and as imbricated in knowledge and power, through a study of literary, cultural, and intellectual history. Taught in English. (Same as Mill 354). (3)
- 360. WOMEN IN LITERATURE.** A study of the images of women in British and American literature. Content will vary. (Same as Engl 360). (3)
- 362. AFRICAN AMERICAN WOMEN'S HISTORY.** An introduction to African American women's history, exploring the epistemology and the scholarship of the field. (Same as Aas 362). (3)
- 365. GAY AND LESBIAN LITERATURE AND THEORY.** A study of the theoretical perspective involved in the analysis of gay and lesbian representations in literature and other media. (Same as Engl 365). (3)
- 366. WOMEN OF THE JUDEO-CHRISTIAN BIBLE.** A critical study of the significant women in the sacred literature of the Western prophetic tradition. (Same as Rel 366). (3)
- 380. SOCIETY AND THE SEXES IN MODERN EUROPE.** An exploration of the changing roles of European women and men since the French Revolution in 1789. (Same as His 380). (3)
- 385. WESTERN MYSTICISM.** An examination of theist mystical thought and practice, emphasizing the roles of gender and authority. (Same as Rel 385). (3)
- 390. WOMEN AND PHILOSOPHY.** A survey of contemporary theories and philosophical issues centering on women and feminism. (Same as Phil 390). (3)
- 391. WOMEN, GENDER, AND THE ENVIRONMENT.** This class examines environmental issues through the lens of gender and its intersections with race, class, ethnicity, sexuality, and nationality. Prerequisite: G St 201 or consent of director. (3)
- 395. TOPICS IN GENDER STUDIES ABROAD.** Students do approved course work at a foreign university. May be repeated with permission of the director. (3)
- 399. SPECIAL TOPICS IN GENDER STUDIES.** Content varies. May be repeated once for credit with permission of director. Prerequisite: instructor approval required. (3)
- 438. LANGUAGE AND GENDER.** A comparative view of gender differences in language forms, using both American English research and sociocultural studies from other language groups. (Same as Ling 438). (3)
- 482. RENAISSANCE WOMEN WRITERS.** Study of works from the 16th and 17th centuries. (Same as Engl 482). (3)
- 494. SEMINAR ON LITERATURE AND GENDER.** Images of women and men in literature by women and men, the special role of the woman writer, recurrent formal and contextual convention in literature written by women, and feminist critical theory. Content varies; may be repeated for credit. (Same as Engl 494). (3)
- 497. INTERNSHIP IN GENDER STUDIES.** Internship in approved work settings under professional supervision. May be repeated once for a cumulative total of 3 hours of credit. Z grade. Prerequisite: director of gender studies approval. (1-3)
- 498. SPECIAL TOPICS IN GENDER STUDIES.** Content varies. May be repeated once for credit with permission of director. (3)
- 499. DIRECTED READINGS IN GENDER STUDIES.** Individual research into selected issues in gender studies; content varies. May be repeated once for credit with permission of director. Prerequisite: instructor approval required. (3)
- 599. DIRECTED READINGS IN GENDER STUDIES.** Individual research into selected issues in gender studies; content varies. May be repeated once for credit with permission of director. Prerequisite: instructor approval required. (3)

## **GEOLOGY AND GEOLOGICAL ENGINEERING**

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Gregory L. Easson, Chair, 118A Carrier Hall

<http://www.geo.olemiss.edu/>

## Geological Engineering-G E

**234. INTRO. TO GEOL. ENGR. FIELD METHODS.** Instruction in the use of geological field instruments and geological engineering field technique. Prerequisite: Geol 103. (1)

**305. GEOMECHANICS.** Properties and behavior of earth materials and their geological engineering applications to problems and design in geotechnics, mining, and petroleum. (2 lecture, 2 lab hours). Corequisite: G E 420. Prerequisite: Engr 312. (3)

**402. PROFESSIONALISM IN GEOLOGICAL ENGR.** Overview of professionalism in geological engineering, including such topics as ethics, communication, legal aspects, and public interface. (1)

**405. ENGINEERING GEOPHYSICS.** The application of geophysical methods and techniques to subsurface engineering investigations. (3)

**413. PROB. & STAT. ANALYSES IN ENG. DESIGN.** Introduction to probability, statistics, uncertainty, and reliability. Application of common continuous and discrete probability distributions. Design under uncertainty and elementary decision analysis. Simulation of random variables. Applications in natural and man-made materials, hydrologic and geological conditions and other natural processes, and engineering design. Prerequisite: Math 262 with minimum grade of C. (3)

**415. PETROLEUM GEOLOGY.** Development of petroleum exploration programs based on stratigraphic, structural, and/or geochemical data. Prerequisite: Geol 411, Geol 313. (3)

**420. SUBSURFACE SITE CHARACTERIZATION.** Coring, logging, introduction and application of geophysical methods, sampling, and penetrometer testing. Applications require preparation of quality assurance and control procedures, maps, cross sections, and oral and written reports. Corequisite: Engr 340, G E 450. (4)

**421. GEOLOGICAL ENGINEERING DESIGN.** Geological engineering design by the application of rock mechanics, soil mechanics, geology, geophysics, remote sensing, and hydrology to geological and engineering problems. The taking of the national Fundamentals of Engineering (FE) examination is a requirement of this course. Prerequisite: G E 420. (4)

**430. GEOLOGICAL FIELD STUDIES I.** Application of geological engineering and geology to special study field problems. (4)

**431. GEOLOGICAL FIELD STUDIES II.** Application of geological engineering and geology to special study field problems. (4)

**436. FIELD CAMP G E DESIGN.** . (3)

**437. GEOLOGICAL ENGINEERING DESIGN FIELD CAMP.** Geological engineering design problems at the South Dakota Consortium's Black Hills Field Station. No grade. (3-6)

**440. ROCK MECHANICS.** The physical and engineering properties of rocks and rock-like materials; classification, strength, deformation, hydraulic aspects, geostresses, effects of discontinuities, and geological structures. Geological engineering application to geotechnics, petroleum, and mining problems and design. (2 lecture, 2 lab hours). Corequisite: Engr 309. Prerequisite Engr 340. (3)

**450. HYDROGEOLOGY.** The theory and geology of the flow of ground water. Engineering principles and the design of wells for production or injection of fluids from or into subsurface aquifers. (3 lecture, 2 lab hours). Corequisite: G E 420. (4)

**460. FUNDAMENTALS OF WASTE MANAGEMENT.** The fundamentals of managing and disposing of waste materials. Emphasis on the geological and geotechnical aspects of disposal by burying in the subsurface, and on elements of geophysics. (3)

**470. INTRO. TO GEOGRAPHIC INFORMATION SYSTEMS.** Geographic Information Systems (GIS) are computer systems of holding and using information for describing places on the Earth. These systems are used for industry and government to manage and analyze environmental, engineering, and natural resource information. (2 lecture, 2 lab hours). (3)

**490. DIRECTED STUDIES AND PROJECTS.** Individual studies and/or projects for undergraduates on specific topics. (1-3)

**500. INTRODUCTION TO GEOCHEMISTRY I.** Application of chemical principles to geological problems. Prerequisite: Geol 221 and Geol 222 or graduate standing. (3)

**502. CONSTRUCTION GEOLOGICAL ENGINEERING.** Design and construction procedures for geology-related problems in heavy construction. (3)

**503. ENVIRONMENTAL GEOCHEMISTRY.** Chemical interaction between water and aquifer minerals, organic minerals, and contaminants. Prerequisite: Chem 106 or graduate standing. (3)

**504. ENVI. GEOCHEMISTRY LAB & FIELD METHODS.** Water quality measurement and evaluation for natural, contaminated, and industrial waste water. Prerequisite: Chem 106 or graduate standing. (1-2)



- 506. GEOMECHANICS FOR GEOLOGISTS.** Application of geomechanics to geological problems. (3)
- 507. REGIONAL GEOLOGICAL ENGINEERING.** Geological engineering problems associated with each area of the United States. (3)
- 510. REMOTE SENSING.** Interdisciplinary course designed to introduce theory and principles of remote sensing technology. Topics covered will include digital image processing and classification, rectification and projections, interpolation, sensors and platforms, history and theory, as well as other related topics. The course is designed to cover the subject material to allow for multidisciplinary participants. (3)
- 511. SPATIAL ANALYSIS.** GIS analysis of the relationships of mapped features. Course will include application and integration of GIS, image processing, and mathematical modes. (3)
- 513. ECONOMIC GEOLOGY.** Study of the formation and classification of ore deposits; exploration techniques; evaluation of reserves; and extraction techniques. Prerequisite: Geol 222 and Geol 303 or graduate standing. (3)
- 520. GEOL. & G.E. COMPUTER APPLICATIONS.** The use of computer programs for earth science applications. Prerequisite: Geol 221 / 222 / 313 / 315 or graduate standing. (3)
- 525. ENGINEERING SEISMOLOGY.** Origin of earthquakes, their effects on structures and the selection of ground-motion parameters for earthquake-resistant design. (3)
- 530. ADVANCED GEOMECHANICS.** Applications of the principles of geomechanics to engineering problems dealing with earth materials. (3)
- 535. ADVANCED ROCK MECHANICS.** The application of mechanics to solving problems in rock engineering for both surface and underground conditions. (3)
- 560. WASTE DISPOSAL I.** An introduction to the growing problem of managing and disposing of waste products generated by society. (3)
- 561. DESIGN OF WASTE REPOSITORIES.** Assessment of factors that govern site selection, site evaluation, and landfill design. (3)
- 577. GEOPHYSICS I.** Gravity and magnetic theory and methods. (3)
- 591. SPECIAL TOPICS.** Lecture or lecture/lab courses on specific topics and on a one-time basis. (1-3)

## Geology-GEOL

- 101. PHYSICAL GEOLOGY.** Classical introduction to Earth science and the physical and chemical processes that affect the Earth. Satisfies science requirement of core curriculum when taken in conjunction with Geol 111. Will not count for credit if Geol 104 or 105 is counted. Not applicable to major or minor programs in geology or geological engineering. (3)
- 102. HISTORICAL GEOLOGY.** Classical introduction to Earth science and the historical development of the Earth and its life. Satisfies science requirement of core curriculum when taken in conjunction with Geol 112. Not applicable to major program in geology or geological engineering. (3)
- 103. EARTH DYNAMICS.** An integrated study of the process-response relationships between plate tectonics and geological processes through time. Required of geology or geological engineering majors. (5)
- 104. ENVIRONMENTAL GEOLOGY I.** An introduction to the relationship between humans and the geological environment, including geologic hazards, natural resources, and waste disposal problems. Will not count for credit if Geol 101 is counted. Not applicable to major programs in geology and geological engineering. (3)
- 105. ENVIRONMENTAL GEOLOGY II.** An introduction to the relationship between humans and the geological environment, including geologic hazards, natural resources, and waste disposal problems. Will not count for credit if Geol 101 is counted. Not applicable to major programs in geology and geological engineering. Prerequisite: Geol 104. (3)
- 107. INTRODUCTION TO OCEANOGRAPHY.** Qualitative introduction to ocean circulation, properties of seawater, waves, tides, and shoreline evolution. Not applicable to major programs in geology or geological engineering. (3)
- 111. PHYSICAL GEOLOGY LABORATORY.** Laboratory exercises that introduce earth science and the physical and chemical processes that affect the Earth (Not applicable to major programs in geology or geological engineering). Corequisite: Geol 101. (1)
- 112. HISTORICAL GEOLOGY LABORATORY.** Laboratory exercises that introduce earth science and the historical development of the Earth and its life. (Not applicable to major programs in geology or geological engineering). Corequisite: Geol 102. (1)

**114. ENVIRONMENTAL GEOLOGY LABORATORY I.** Laboratory exercises that introduce the relationship between humans and the geologic environment, including geologic hazards, natural resources, and waste disposal problems (not applicable to major programs in geology or geological engineering). Corequisite: Geol 104. (1)

**115. ENVIRONMENTAL GEOLOGY LABORATORY II.** Additional laboratory exercises that introduce the relationship between humans and the geologic environment, including geologic hazards, natural resources, and waste disposal problems. (Not applicable to major programs in geology or geological engineering). Corequisite: Geol 105. (1)

**221. MINERALOGY.** Crystallography, crystal chemistry and minerals; determination by physical and chemical properties. (3 lecture, 2 lab hours). Corequisite: Chem 105. Prerequisite: Geol 103. (4)

**222. ELEMENTARY PETROLOGY.** Hand-specimen identification and lithologic classification, the role of plate tectonics in petrogenesis. (3 lecture, 2 lab hours). Prerequisite: Geol 221. (4)

**303. STRUCTURAL AND TECTONIC GEOLOGY.** Geometric and genetic classification of both macro- and micro-structural types and their interrelations with crustal tectonics. (2 lecture, 2 lab hours). Prerequisite: Geol 222. (3)

**305. GEOMORPHOLOGY.** Introduction to concepts of landform genesis. (2 lecture, 2 lab hours). Prerequisite: Geol 103. (3)

**309. INVERTEBRATE PALEONTOLOGY.** The classification, morphology, and paleoecology of invertebrate fossils. (3 lecture, 2 lab hours). Prerequisite: Geol 103. (4)

**314. SEDIMENTOLOGY AND STRATIGRAPHY.** Study of principles of sediment and sedimentary rock formation, transport, classification, and depositional environments, as well as the development of stratigraphic sequences and modern and traditional methods of stratigraphic correlation. (3 lecture, 2 lab hours). Prerequisite: Geol 103. (4)

**406. PETROLOGY.** The genesis of each of the three major rock groups; and in-depth examination using optical methods. (2 lecture, 4 lab hours). Prerequisite: Geol 222, Geol 420. (4)

**410. COASTAL AND REEF DYNAMICS.** Taught as study abroad only. An intermediate-level course designed to acquaint the student with the dynamics of the physical and biological systems that have formed and are forming the coastal, caye, and reef areas of Belize, Central America. (3)

**420. OPTICAL MINERALOGY.** Use of the petrographic microscope to study the optical properties of rock-forming minerals. (2 lecture, 2 lab hours). Prerequisite: Geol 222. (3)

**500. INTRO. TO GEOGRAPHIC INFORMATION SYSTEMS.** Geographic information systems are combinations of computer software, hardware, and database (maps). These systems are used to analyze and display geographical information necessary for government and industrial planning. (2 lecture, 2 lab hours). Prerequisite: Geol 305 or graduate standing. (4)

**505. HYDROGEOLOGY.** Groundwater hydrology for geologists. Prerequisite: Geol 221 / 222 / 303 / 313 (or graduate standing). (4)

**506. ADVANCED PETROLOGY.** The genesis of each of the three major rock groups by use of general collections and detailed suites or rocks and by classroom lecture. Prerequisite: Geol 222 and Geol 420 or graduate standing. (4)

**515. DIRECTED STUDIES.** Individual investigation of an original problem either as a senior research problem or a graduate research problem for nonthesis credit. (1-3)

**518. QUANTITATIVE METHODS IN GEO. & GEO ENG.** Quantitative methods in geology and geological engineering. (3)

**530. GEOLOGY FIELD STUDIES.** Field projects for graduate students. Prerequisite: Geol 221 or Geol 222 or Geol 303 or Geol 314 or graduate standing. (3)

**535. GEOCHEMISTRY.** Application of chemical principles to geologic problems; crystal chemistry. Prerequisite: Chem 106 and Geol 221 or graduate standing. (3)

**550. OCEANOGRAPHY AND MARINE GEOLOGY.** Advanced study of the principles of ocean basin tectonics, seawater composition, waves, tides, currents, and marine and coastal marine sedimentation. Prerequisite: Geol 314 or graduate standing. (3)

**555. GEOLOGY AND GEOL. ENGINEERING SEMINAR.** A weekly seminar course in diverse earth science subjects for senior or graduate earth science majors. Z grade. (1)

**GERMAN** *See the Department of Modern Languages.*

**GOVERNMENT** *See the Department of Political Science.*

**GREEK** See the Department of Classics.

**GUIDANCE** See the Department of Leadership and Counselor Education.

## **HEALTH, EXERCISE SCIENCE, AND RECREATION MANAGEMENT**

Jasper M. Loftin, Chair, 215 Turner Center

<http://www.olemiss.edu/depts/hesrm/>

### **Exercise and Leisure Activities-EL**

**UNIFORMS AND EQUIPMENT.** All students in the exercise and leisure classes must wear the attire prescribed for the activity in which they are engaged.

All one (1) credit hour exercise and leisure activity courses will be graded on a pass-fail basis.

Unless otherwise indicated, each of the following courses carries one (1) semester-hour credit.

**100. WILDERNESS LIVING TECHNIQUES.** Basics of outdoor living skills focusing on camping, orienteering, basic survival, cooking, natural food identification and preparation, and trip planning. Pass/Fail grade . Prerequisite: First eight weeks only, field trip and fee required. (1)

**103. ROPES COURSES AND CLIMBING BASICS.** An introduction to low-rope adventure courses, high-rope adventure courses, and basic climbing techniques such as rappelling and team climbing. Pass/Fail grade. (1)

**105. SELF DEFENSE ACTIVITIES.** Pass/Fail grade. (1)

**111. CYCLING.** Pass/Fail grade. (1)

**117. VOLLEYBALL.** Pass/Fail grade. (1)

**118. BEGINNING FENCING.** Introduction to the competitive sport of foil fencing. Pass/Fail grade. (1)

**119. ARCHERY.** Pass/Fail grade. (1)

**120. INTRO TO LIFETIME LEISURE ACTIVITIES.** Selected individual and group leisure activities suitable for all age groups and ability levels. Pass/Fail grade . (1)

**124. RACQUETBALL.** Pass/Fail grade. (1)

**129. BODY CONTOURING AND CONDITIONING.** Pass/Fail grade. (1)

**132. CANOEING.** Principles of canoeing to include skills of proficiency, basic water safety, small craft safety, and trip planning. Must pass a swimming pre test. Pass/Fail grade. Prerequisite: First eight weeks only, field trip and fee required. (1)

**133. BACKPACKING.** Pass/Fail grade. Prerequisite: Second eight weeks only, field trip and fee required. (1)

**134. KAYAKING.** Fundamental techniques, safety, and navigation to facilitate skills for open water touring. Pass/Fail grade. Prerequisite: second eight weeks only, field trip and fee required. (1)

**137. BOWLING.** Pass/Fail grade. (1)

**139. GOLF.** Pass/Fail grade. (1)

**142. OPEN WATER SCUBA DIVING.** Pass/Fail grade. (1)

**147. TENNIS.** Pass/Fail grade. (1)

**151. WEIGHT LIFTING.** Pass/Fail grade. (1)

**153. SPORTS CONDITIONING.** Intense physical conditioning course designed for competitive athletics. Pass/Fail grade. (1)

**154. COACHING SOCCER.** (2)

**156. JOGGING.** Pass/Fail grade. (1)

- 158. LOW IMPACT AEROBICS.** A form of aerobic exercise in which one foot remains in contact with the floor at all times. Pass/Fail grade. (1)
- 159. HIGH IMPACT AEROBICS.** Pass/Fail grade. (1)
- 169. AQUA EXERCISE.** Forms of aquatic exercise including aqua-aerobics, deep water running, shallow water running, and swimming. Pass/Fail grade. (1)
- 170. BEGINNING SWIMMING.** Pass/Fail grade. (1)
- 171. INTERMEDIATE SWIMMING.** Pass/Fail grade. (1)
- 172. ADVANCED SWIMMING.** Pass/Fail grade. (1)
- 173. LIFEGUARDING.** Techniques of lifeguarding skills, training, aquatic facility management, and emergency care. American Red Cross certification. Prerequisite: HP 203, must pass pretest. (2)
- 174. WATER SAFETY INSTRUCTOR.** Techniques of aquatic instruction to include basic water safety, emergency water safety and progression swimming. Red Cross certification is possible. Prerequisite: proficient swimming skills to include front crawl, back crawl, elementary backstroke, breaststroke, sidestroke. Must pass pretest. Must be lifeguard certified or possess emergency water safety certification. (2)
- 175. LIFEGUARDING INSTRUCTOR.** Techniques and applications of practical and teaching skills for individuals qualified to become American Red Cross lifeguarding instructor. Prerequisite: must be currently certified Red Cross Lifeguard and CPR for prof. res. (2)
- 200. TEACHING TECHNIQUES FOR LAND-BASED ADVEN.** Fundamental teaching techniques and skill preparation to teach outdoor living techniques. (2)
- 217. ADVANCED VOLLEYBALL.** Pass/Fail grade. (1)
- 218. ADVANCED FENCING.** Advanced instruction in either foil, epee, or sabre, including advanced competencies in foot and blade work, fencing rules, refereeing, and equipment repair. Previous experience in competitive fencing required. Pass/Fail grade. (1)
- 219. ADVANCED ARCHERY.** Pass/Fail grade. (1)
- 224. ADVANCED RACQUETBALL.** Pass/Fail grade. (1)
- 229. ADVANCED BODY CONTOURING & CONDITIONING.** Pass/Fail grade. (1)
- 231. TEACHING TECHNIQUES FOR SMALL CRAFT.** Fundamental teaching techniques and skill preparation for students planning to teach small craft (canoeing, kayaking and sailing). (2)
- 233. SPORTS OFFICIATING I.** (2)
- 234. SPORTS OFFICIATING II.** (2)
- 237. ADVANCED BOWLING.** Pass/Fail grade. (1)
- 239. ADVANCED GOLF.** Pass/Fail grade. (1)
- 242. ADVANCED OPEN WATER SCUBA DIVING.** Course is designed to provide additional diving skills for those who have been certified as open water divers. Scuba diving knowledge, skills, and experience are further developed to enhance diving safety and enjoyment. Pass/Fail grade. Prerequisite: EL 142. (1)
- 247. ADVANCED TENNIS.** Pass/Fail grade. (1)
- 251. ADVANCED WEIGHT LIFTING.** Pass/Fail grade. (1)
- 253. ADVANCED SPORTS CONDITIONING.** Pass/Fail grade. (1)
- 255. COACHING TENNIS.** (2)
- 269. ADVANCED AQUA EXERCISE.** This course will systematically review and expand the concepts of aquatic exercises introduced in EL 169 (Aqua Exercise). The exercises will improve cardiovascular endurance, flexibility, strength, and muscle tone. Pass/Fail grade. (1)
- 342. MASTER DIVER.** Familiarizes the participant with advanced materials, knowledge, and experience in preparation for certification as a dive expert. (2)
- 352. COACHING FOOTBALL.** (2)
- 353. ADVANCED SPORTS CONDITIONING.** Pass/Fail grade. (1)
- 354. COACHING BASKETBALL.** (2)
- 355. COACHING BASEBALL-SOFTBALL.** (2)
- 357. COACHING VOLLEYBALL.** (2)
- 359. COACHING TRACK AND FIELD.** (2)
- 442. DIVE SUPERVISOR.** To develop an understanding of the cognitive and psychomotor skill necessary in the preparation of scuba diving programs. (2)
- 453. ADVANCED SPORTS CONDITIONING.** Pass/Fail grade. (1)

## Exercise Science-ES

**100. INTRODUCTION TO EXERCISE SCIENCE.** An introduction to the faculty and courses in exercise science, with an emphasis on career planning and student development. Required for all exercise science majors during the first semester of program enrollment and recommended for anyone considering exercise science as a major. Z grade. (1)

**104. SPORTS IN THE ANCIENT WORLD.** Introduction to sports and culture in the history of ancient Greece and Rome. (Same as Clc 104). (3)

**319. SPORT AND SOCIETY.** A comprehensive view of past, present, and future directions of sport and fitness in American society. (3)

**338. MOTOR LEARNING AND CONTROL.** The study and analysis of motor learning and control with emphasis on sensory, perceptual, and muscular components of human movement. Prerequisite: Bisc 206. (3)

**346. KINESIOLOGY.** Analysis and study of human movement with special reference to anatomical principles underlying human movement. Prerequisite: Bisc 206. (3)

**348. PHYSIOLOGY OF EXERCISE.** Study of body systems affected by exercise; functions of these systems during exercise; effects of age, body type, and nutrition on capacity for exercise; techniques of assessing physical work capacity, and a critical analysis of research literature. Students dropping ES 348 must also drop ES 349. Corequisite: ES 349. Prerequisite: Bisc 102/103 or 160/161, 206 and 207, Chem from required list. (3)

**349. PHYSIOLOGY OF EXERCISE LABORATORY.** Laboratory to accompany ES 348. Corequisite: ES 348; students dropping ES 349 must also drop ES 348. (1)

**351. MEASUREMENT & STATISTICS IN EXERCISE SCI.** Evaluation of health status, physical fitness and other psychomotor parameters using appropriate laboratory and field techniques and focusing on administration and interpretation of results. (3)

**391. TRENDS & TOPICS IN EXERCISE SCIENCE.** Identification and analysis of trends and topics in exercise science. (3)

**394. THERAPEUTIC EXERCISE AND FITNESS.** An overview of therapeutic exercise and fitness components for at-risk populations with emphasis in preventive and corrective programming. (3)

**402. EXERCISE LEADERSHIP.** An overview of the educational concepts, performance techniques, program design, and leadership skills needed to teach individuals and group-led exercise programs. (3)

**440. BEHAVIORAL ASPECTS OF EXERCISE.** Behavioral considerations related to establishing and maintaining personal, commercial, corporate, or clinical-based exercise programs. Emphasis on strategies for increasing adherence and reducing attrition. (3)

**446. BIOMECHANICS OF HUMAN MOVEMENT.** Quantification of the forces acting on the human body during selected activities. Prerequisite: ES 346, 347; Math 121, 123 or 125, Phys 211 or Phys 213 AND Phys 221 or Phys 223. (3)

**447. BIOMECHANICS LABORATORY.** Laboratory to accompany ES 446. Students who drop ES 446 must also drop ES 447. Corequisite: ES 446. (1)

**456. EXERCISE TESTING & PRESCRIPTION.** Scientific foundations of conditioning, a life-span approach with specific attention to exercise prescription. Students dropping ES 456 also must drop ES 457. Corequisite: ES 457. Prerequisite: Math 121, ES 348, ES 349. (3)

**457. EXERCISE TESTING & PRESCRIPTION LAB.** Laboratory to accompany ES 456. Corequisite: ES 456. Students dropping ES 457 must also drop ES 456. (1)

**471. MGMT. OF HEALTH, FITNESS AND SPORT PROGR.** An analysis and study of management principles used in health, fitness, and sport programs. (3)

**473. PRACTICUM.** Supervised experience in an approved professional setting to total 200 clock hours. Z grade. (3)

**490. INDEPENDENT STUDY.** May be repeated for credit, up to 6 hours total. Only 3 hours may apply to professional studies. Prerequisite: instructor approval required. (1-3)

**493. INTERNSHIP.** Full-time internship to provide application of curriculum content through supervised experiences. Internship locations are limited to departmentally approved sites. All exercise science and professional courses must be completed with a cumulative GPA of 2.5 prior to internship. Z grade. (12)

**512. FOUNDATIONS OF BIOMECHANICS.** Biomechanical bases of human movement, focusing on the mechanical interaction between the human body and the external environment. Prerequisite: ES 446, ES 447. (3)

**514. APPLIED ELECTROMYOGRAPHY.** Introduction to the theoretical basis and practical application of electromyography (EMG) in the study of human motion. Topics include the

electrophysiological basis of muscle actions and the EMG, mechanical properties of muscle, EMG recording and processing methods, and applications of EMG to the study of human motion. A lecture/discussion format will be used in conjunction with complementary laboratory demonstrations and exercises. Students are fully expected to contribute to lecture discussions of assigned readings and relevant topics. Prerequisite: instructor approval required. (3)

**542. SPORTS PSYCHOLOGY.** Examination of motivation, personality, and other personal performance-related issues affecting sports. (3)

**544. THE AMERICAN WOMAN IN SPORTS.** A comprehensive, multidisciplinary analysis of the problems, patterns, processes, and potentials associated with the sport involvement of women in our culture. (3)

**574. SELECTED PROBLEMS IN SPECIAL POPULATIONS** Selected problems confronting individuals with special needs in the areas of physical development, therapeutic activities, physiological performance, and leisure management. Prerequisite: ES 394. (3)

## Health Promotion-HP

**191. PERSONAL AND COMMUNITY HEALTH.** A comprehensive health course, including principles and practices of healthful living for the individual and community; major health problems; responsibilities of home, school, health agencies. (3)

**203. FIRST AID AND CPR.** Safety instruction and practices in the methods as prescribed in the American Red Cross standard and advanced courses. (3)

**303. PREVENTION & CARE OF ATHLETIC INJURIES.** An analysis of injuries most common to each sport, safety procedures, practical procedures for administering first aid. Prerequisite: HP 203. (3)

**312. BEHAVIORAL ASPECTS OF WEIGHT MGMT.** An examination of different behavioral aspects of weight loss and weight gain. Several methods will be discussed and insight will be provided into the healthy approach of weight loss and weight gain. (3)

**403. ADVANCED ATHLETIC TRAINING.** Advanced evaluative, rehabilitative, and preventive techniques in athletic training, with practical application under supervision. Prerequisite: Bisc 206, HP 203. (3)

**506. CURRENT TOPICS.** (3)

## Park and Recreation Management-PRM

**194. FOUNDATIONS OF LEISURE AND RECREATION.** Analysis of the park and recreation profession to provide a basic understanding of leisure as an increasingly important component of our society. Prerequisite: PRM majors/minors OR with consent of instructor. (3)

**200. PARK & RECREATION PROGRAM LEADERSHIP.** Planning and leadership techniques for conducting organized park and recreation programs for all age groups. (3)

**301. PLANNING & EVALUATION IN PRM.** Principles of assessment, planning, and evaluation of park and recreation management, resources, areas, and facilities. Prerequisite: must have completed either PRM 194 or PRM 200. (3)

**302. PROGRAM PLANNING & DEVELOPMENT.** Techniques and processes in program planning, implementation, development, and evaluation in recreation setting. Prerequisite: must have completed either PRM 194 or PRM 200. (3)

**332. OUTDOOR RECREATION.** Roles and responsibilities of local, state, and federal governments in providing appropriate locations, facilities, programs, and leadership. (3)

**362. INTRODUCTION TO THERAPEUTIC RECREATION.** Exploration of history, legislation, and philosophical development of therapeutic recreation; study of etiology, needs and characteristics of disabilities; analysis of principles, practices and procedures, applicable for special populations in diverse settings. (3)

**371. CAMP LEADERSHIP.** Training for camp counseling; program; camp craft skills; survey of the field of camping. Prerequisite: PRM majors/minors OR with consent of instructor. (3)

**380. CURRENT ISSUES IN TRAVEL & TOURISM MGMT.** A survey of travel and tourism in the United States and abroad with focus on terminology, trends, demographics, and financial significance. (3)

**391. PRACTICUM IN PARK AND RECREATION MGMT. I.** Volunteer work in local park and recreation service agencies. Prerequisite: instructor approval required. (1)

**392. PRACTICUM IN PARK & RECREATION MGMT. II.** Specialized volunteer work in one local park and recreation service agency. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: PRM 391. (1)

**400. PROFESSIONAL DEVELOPMENT.** Promote professional development through Internet utilization for career preparation. Attendance and written/oral evaluations of professional education sessions at a respective state, regional, and/or national professional conference will be required (majors only). Prerequisite: PRM 194, PRM 200, PRM 302. (1)

**401. INTERNSHIP IN PARKS AND RECREATION MGMT.** Supervised internship in park and recreation programs to total 400 clock hours. Z grade. Prerequisite: PRM 194, PRM 200, PRM 302, PRM 391, PRM 392, PRM 400, PRM 471. (6-12)

**425. DESIGN AND MAINTENANCE OF FACILITIES.** Application of principles for design and maintenance of physical and/or natural resources in park and recreation programs. Prerequisite: PRM 301. (3)

**471. ADMIN. OF PARK & RECREATION PROGRAMS.** Administrative concepts of personnel and fiscal management in park and recreation environments. Prerequisite: PRM 302. (3)

**472. PROCEDURES AND TECHNIQUES IN THERAPEUTIC RECREATION.** Analysis of theoretical and philosophical approaches to therapeutic recreation procedures; application of techniques, therapies, and leisure skills required to plan, develop, and facilitate therapeutic recreation programs. Prerequisite: PRM 362. (3)

**475. RECREATIONAL SPORTS PROGRAMMING.** An examination and discussion of the operational uniqueness essential to successfully operate recreational sports programs in a public or institutional setting. (3)

**490. INDEPENDENT STUDY.** A course designed to allow individual educational pursuit in selected areas of interest in the field of park and recreation management. Prerequisite: instructor approval required. (3)

**497. COOPERATIVE FIELD PRACTICUM.** Cooperative academic/government outdoor recreation practicum. Z grade. Prerequisite: approval of program director required: PRM majors only. (3)

**498. COOPERATIVE FIELD PRACTICUM.** Cooperative academic/government outdoor recreation practicum. Approval of program director required. Park and recreation management majors only. (3)

**499. COOPERATIVE FIELD PRACTICUM.** Cooperative academic/government outdoor recreation practicum. Approval of program director required. Park and recreation management majors only. (3)

**510. ENTREPRENEURIAL RECREATION.** Applications of small business management practices to private recreation and park enterprises. Prerequisite: PRM 471. (3)

**539. OUTDOOR RESOURCES MANAGEMENT.** Principles of development and management of natural resources, visitors, and maintenance services of outdoor recreation areas. (3)

**569. STRATEGIES & APPLICATIONS IN OUTDOOR EDUCATION.** A focus on the application of selected outdoor instructional strategies for use in the areas of recreation and education. (3)

**573. SUPERVISION AND ADMINISTRATION OF THERAPEUTIC RECREATION.** The supervision and administration of therapeutic recreation programs on the institutional, community, and interdisciplinary levels. Prerequisite: PRM 472, senior or above standing required. (3)

**574. CURRENT TRENDS IN THERAPEUTIC RECREATION.** Contemporary issues, problems, and trends in the field of therapeutic recreation. Prerequisite: PRM 573. (3)

**HEALTH INFORMATION MANAGEMENT** *See the College of Liberal Arts section on Health Professions.*

## **HISTORY**

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Joseph P. Ward, Chair, 310 Bishop Hall  
<http://www.olemiss.edu/depts/history/>

### **HIS**

**101. HISTORY OF EUROPE TO 1648.** Introduction to European history from the Classical era to 1648. (3)

**102. HISTORY OF EUROPE SINCE 1648.** Introduction to European history since 1648. (3)

**105. THE UNITED STATES TO 1877.** Political, cultural, social, and economic development. (3)

**106. THE UNITED STATES SINCE 1877.** Continuation of His 105 to the present. (3)

- 160. INTRODUCTION TO LATIN AMERICAN HISTORY.** Introduction to the history of Latin America with an emphasis on the modern era. (3)
- 170. INTRODUCTION TO AFRICAN HISTORY.** Introduction to the history of Africa with an emphasis on the modern era. (Same as Aas 170). (3)
- 180. INTRODUCTION TO EAST ASIAN HISTORY.** Introduction to the history of East Asia with an emphasis on the modern era. (3)
- 301. COLONIAL AMERICA.** The development of the American colonies to 1750. (3)
- 302. AMERICA/AGE OF REVOLUTION, 1740-1789.** Political, social, and economic development. (3)
- 303. U.S. HISTORY, 1789-1850: EMERGING NATION.** Social, political, economic, and cultural history from the founding of the nation through the expansion of the frontier, market revolution, rise of plantation slavery, and the era of reform. (3)
- 304. U.S. HISTORY, 1877-1918: NATION REDEFINED.** Social, political, economic, and cultural history of America in the age of industrialization, urbanization, and globalism. (3)
- 305. THE UNITED STATES, WORLD WAR I-1945.** Major developments in the age of normalcy, depression, and global war. (3)
- 306. THE UNITED STATES SINCE 1945.** Major developments in age of Cold War, domestic reform, and world power responsibilities. (3)
- 307. AFRICAN AMERICAN HISTORY TO 1865.** Black American history from West Africa to 1865, emphasizing the role of black leaders and their struggle against oppression. (Same as Aas 325). (3)
- 308. AFRICAN AMERICAN HISTORY SINCE 1865.** A survey of the history of black Americans from the Emancipation Proclamation to the present, emphasizing the role of black leaders, the struggle against oppression, and the evolution of race relations. (Same as Aas 326). (3)
- 310. UNITED STATES DIPLOMACY SINCE 1898.** U.S. foreign policy from McKinley's second administration to the present, emphasizing the role of the United States as a world power. (3)
- 311. HISTORY OF JAPAN-UNITED STATES RELATIONS.** This course examines the evolution of diplomatic, economic, and cultural interaction between Japan and the United States from the 19th century to the present. (3)
- 312. WOMEN IN UNITED STATES HISTORY.** History of the struggle for equality in U.S. politics and culture. (Same as G St 312). (3)
- 313. U.S. INTELLECTUAL HISTORY TO 1900.** An exploration of ideas in American society, including religion, republicanism, liberalism, nationalism, domesticity, the self, science, and race. (3)
- 314. U.S. INTELLECTUAL HISTORY SINCE 1900.** An exploration of ideas in American society, including pragmatism, liberalism, fundamentalism, conservatism, the sciences, and liberation theory. (3)
- 315. THE AMERICAN DREAM.** An examination of American optimism, and the changes in American hopes and dreams as they developed and were modified by particular historical events from the 18th through the 20th centuries. (3)
- 316. UNITED STATES ECONOMIC HISTORY.** A survey of the economic development of the U.S. from colonial times to the present. (3)
- 318. UNITED STATES LABOR HISTORY.** History of the labor movement in the United States in the 19th and 20th centuries. (3)
- 319. UNITED STATES RELIGIOUS HISTORY.** The role of religious ideas and institutions in the development of the United States. (3)
- 320. UNITED STATES MILITARY HISTORY.** The development of the armed forces of the U.S. since 1775. Military institutions will be viewed in terms of their relationships to the wider context of United States history. (3)
- 321. U.S. LEGAL/CONSTITUTIONAL HISTORY.** Major developments in law and legal institutions since Blackstone. (3)
- 324. RACE, GENDER, COURTSHIP-AFRICAN AM HIST.** The course will examine concepts of courtship and romantic love among African Americans to access the central roles that race, gender, class and social forces played in the most private, and intimate of matters. Students will access that importance of "love" as a social construct among African Americans and how expressions of it complement or diverge from Euro-American conceptions. (Same as Aas 324 and G St 321). (3)
- 327. HISTORICAL PERSPECTIVES: SLAVERY AMERICA** The roles of Europeans, Africans, and the nations of North and South America in the international slave trade and the institution of slavery, and the intellectual history of the race issues and the enslavement of African Americans. (Same as Aas 438). (3)



- 328. HISTORY OF AFRICAN AMERICANS IN SPORT.** A historical survey of African-Americans and their roles in various sports, beginning with the black participation in the late 19th century and chronicling that involvement into the 21st century. (Same as Aas 440). (3)
- 329. THE CIVIL RIGHTS ERA.** The African-American struggle for civil equality, emphasizing the role of African-Americans, the resistance of other racial and ethnic groups, the role of federal and state agents/agencies from the perspective of political and social history. (Same as Aas 443). (3)
- 330. THE HISTORY OF MISSISSIPPI.** Political, economic, and cultural developments from Indian settlement through contemporary society. (3)
- 331. THE SOUTH THROUGH THE 19TH CENTURY.** Social, political, economic, and cultural developments through the 19th century, including slavery, the plantation system, western migration, the Civil War, and its aftermath. (3)
- 332. THE SOUTH IN THE 20TH CENTURY.** A survey of developments in agriculture, industry, music, literature, politics, and race. (3)
- 333. THE ERA OF THE CIVIL WAR, 1850-1877.** Major developments from the sectional tensions of the 1850s through Reconstruction. (3)
- 334. THE BLUE AND THE GRAY.** A military history of the Civil War. (3)
- 335. ECONOMIC HISTORY OF THE SOUTH.** A survey of the major economic developments in the South since the Civil War with special emphasis on Southern economic growth and its effects on the United States generally. (Same as Econ 335). (3)
- 336. WOMEN IN SOUTHERN HISTORY.** A historical survey of Southern women with emphasis on research through documentary sources and oral history. (Same as G St 336, S St 303). (3)
- 337. HISTORY OF RELIGION IN THE SOUTH.** Southern religion and its cultural, racial, and political impact from the Great Awakening to the present. (3)
- 338. MASCULINITIES/FEMININITIES, AMER. CULTUR.** An analysis of changing views of the masculine and the feminine in American culture since 1607. Class, racial, and ethnic differences will be emphasized. (Same as G St 338). (3)
- 339. AFRICAN-AMERICAN WOMEN'S HISTORY.** An introduction to African American women's history, exploring the epistemology and scholarships of the field. (Same as Aas 362). (3)
- 340. SCIENCE IN THE MODERN WORLD.** The course examines how science and technology became the defining features of the modern world, and how in turn the conditions of modern life have shaped our views of the natural world. (3)
- 341. THE DARWINIAN REVOLUTION.** The course traces the origins, development, and consequences of evolutionary thought in the Western world. (3)
- 343. LATIN AMERICA AND THE COLD WAR.** This course examines the history of Latin America's place in the Cold War (1947-1991). Case studies will be used to understand the extent of the Communist threat and the logic of U.S. overt and covert intervention in the region. (3)
- 344. RACE AND ETHNICITY IN LATIN AMERICA.** Role of race and ethnicity in Latin America from the Conquest to the present. (3)
- 345. LATIN AM. CITIES: CULTURE, SPACE, POWER.** Urban history of Latin America from colonial foundations through transformations of the 20th century. (3)
- 346. GENDER AND POWER IN LATIN AMERICA.** Examination of gender roles in Latin American history. (Same as G St 346). (3)
- 347. LATIN AMERICAN HISTORY ON FILM.** Examination of film as a historical source, development of film-making traditions in the course of national histories. (3)
- 348. THE GOLDEN AGE OF ATHENS.** A detailed examination of the history and culture of Athens in the 5th century B.C. centering on the life of Pericles. The course will begin with the birth of democracy under Cleisthenes and end with the death of Socrates. (Same as Clc 340). (3)
- 349. ALEXANDER THE GREAT.** An examination of the rise of Macedonia under Philip, the accession of Alexander's conquest of the Persian Empire. Topics discussed include Macedonia's domination of Greece, Greek opposition, the destruction of Olynthus, the Persian Empire, and differing modern interpretations of Philip and Alexander. (Same as Clc 341). (3)
- 350. GREEK HISTORY.** The history of the Greek world from the earliest times to 146 B.C.; influence of Greek institutions on modern civilization. (Same as Clc 311). (3)
- 352. ROMAN REPUBLIC.** A survey of the history of the Roman Republic from the founding of the city in 735 B.C. to the end of the Second Triumvirate in 31 B.C. (Same as Clc 313). (3)
- 353. ROMAN EMPIRE.** A survey course in the history of the Roman Empire from the reign of Augustus beginning in 31 B.C. through the fall of the Western Roman Empire in 476 A.D. (Same as Clc 314). (3)

- 354. THE MIDDLE AGES.** History of Europe from the fall of the Roman Empire to the Renaissance. (3)
- 355. EUR-LATE MIDDLE AGES AND RENAISSANCE.** Politics, society, and culture, 1300-1517. (3)
- 356. REFORMATION EUROPE, 1517-1648.** European politics, society, and culture from the Reformation through the Thirty Years' War. (3)
- 357. AGE OF ABSOLUTISM & ENLIGHT, 1648-1789.** Major developments in Europe in the age of Absolutism and Enlightenment. (3)
- 358. EUROPE IN AGE OF REVOLUTION, 1789-1890.** Major developments in European history from the French Revolution to 1890. (3)
- 359. EUROPE: IMPERIALISM, WORLD WAR, 1890-1945.** Major developments in European history to the end of World War II. (3)
- 360. EUROPE: COLD WAR, DETENTE, ECON INTEGR.** Major developments in European history since 1945. (3)
- 361. HISTORY OF THE HOLOCAUST.** Causes, evolution, and significance of the Holocaust in Nazi Germany. (3)
- 362. WORLD WAR II.** Global history of World War II with an emphasis on the origins of the conflict, the conduct of the war, and ways in which myth and memory shaped the post war world. (3)
- 363. FRANCE, 1789-PRESENT.** Survey of major developments in French history. (3)
- 364. GERMANY: AGE OF UNIFICATION, 1815-1914.** Survey of the major developments of German history. (3)
- 365. GERMANY FROM WORLD WAR I TO THE PRESENT.** Survey of the major developments in German history in the 20th century. (3)
- 366. IMPERIAL RUSSIA, 1682-1917.** Survey of the major developments of Russian history in the 18th and 19th centuries. (3)
- 367. 20TH CENTURY RUSSIA.** Origins of the Bolshevik Revolution, development of the Soviet state, collapse of the USSR, and emergence of CIS. (3)
- 368. ITALY FROM CAUVOUR & GARIBALDI TO PRESENT.** Survey of Italian history from the Age of Unification to the present. (3)
- 369. MEDIEVAL ENGLAND, 1066-1509.** Political, social, and cultural history of England from the Norman Conquest through the reign of Henry VII. (3)
- 370. EARLY MODERN ENGLAND, 1509-1688.** Political, social, and cultural history of England from the Reign of Henry VIII to the Glorious Revolution. (3)
- 371. BRITAIN: ARISTOCRACY TO DEMOCRACY.** Political, social, and cultural history of Britain from 1688 to the mid-19th century. (3)
- 372. GREAT BRITAIN IN THE MODERN AGE.** Political, social, and cultural history of Britain from the mid-19th century to the present. (3)
- 373. HISTORY OF ANCIENT CHRISTIANITY.** Development of Christian doctrines from apostolic times to the seventh Ecumenical Council of 787. (3)
- 374. MEDIEVAL CHURCH AND EMPIRE.** History of the two dominant institutions of the Early and High Middle Ages. (3)
- 375. HISTORY OF MEDIEVAL CHRISTIANITY.** Examination of Christian theologies from Constantine to the Protestant Reformation. (3)
- 376. RENAISSANCE AND EARLY MODERN STUDIES.** Interdisciplinary approach to this era in European history through a study of its literature, religion, economic conditions, artistic and scientific achievements, as well as its politics, geographical exploration, colonization, and slave trade. Required of all Renaissance and Early Modern Studies minors but open to all students. (Same as Engl 376). (3)
- 377. THE FRENCH REVOLUTION, 1789-1815.** The coming of the French Revolution, its social, economic, diplomatic, and cultural effects; the rise and fall of the Napoleonic Empire. (3)
- 378. EUROPEAN SOCIETY & ECON, 1750-1914.** Major developments in the social and economic history of Europe. (3)
- 379. EUROPEAN SOCIETY & ECON IN 20TH CENTURY.** Major developments in the social and economic history of Europe. (3)
- 380. SOCIETY AND THE SEXES IN MODERN EUROPE.** An exploration of the changing roles of European women and men since the French Revolution in 1789. (Same as G St 380). (3)
- 382. THE COLD WAR.** Survey of major developments and consequences of the U.S.-Soviet rivalry from World War II to the present. (3)

- 383. FOUNDATIONS OF THE COMMON LAW.** English legal history from the earliest times to Blackstone. (3)
- 384. BRITISH EMPIRE AND COMMONWEALTH.** The history of British expansion from the age of exploration through the establishment of the Empire to the commonwealth of the 20th century. (3)
- 385. HISTORY OF ISLAM IN AFRICA.** This course will explore the history of Islam in Africa from the seventh century through the 20th century. The primary focus will be on West and East Africa. Topics will include Muslim minorities in non-Muslim societies, Islam and slavery, women in Muslim societies, Jihad movements in Africa, Muslim responses to 19th century European expansion, Islam and colonialism and Islam and post-colonial developments. (3)
- 386. MIDDLE EAST AND NORTH AFRICA.** North Africa and the Middle East from the Middle Ages to the present, with an emphasis on developments since 1919. (3)
- 387. SUB-SAHARAN AFRICA.** History of Africa and African cultures from the earliest times to the present. (Same as Aas 392). (3)
- 388. MEXICO AND CENTRAL AMERICA.** A political, economic, and social history of 19th and 20th century Mexico and Central America. (3)
- 389. SAMURAI AND CINEMA.** This course explores the transformation of the bushido (way of the warrior) ethos from the late 16th century to the present through film and text. The class will examine both seminal primary textual documents and movies as we explore two central themes; the historical reality of the samurai and the construction of samurai mythology both in Japan and the West on screen. (3)
- 390. LATIN AMERICAN SOCIAL REVOLUTIONS.** Major social upheavals since 1900 in Mexico, Bolivia, Brazil, Cuba, Chile, and Central America. (3)
- 392. CONQUEST & RESIST. IN LATIN AM 1450-1800.** Examination of the process of encounter, conquest, and resistance that formed diverse societies of Latin America. (3)
- 393. STATE, CITIZEN, NATION: MODERN LATIN AM.** Emphasis on nation-formation, the conflict between economic development and social justice, race, and class, and U.S. relations. (3)
- 394. LATE IMPERIAL AND MODERN CHINA.** Surveys the political, social, economic, and intellectual history of China since 1600. Emphasis on the buildup and disintegration of China's last dynastic empire and on the concept of revolutionary change in the 20th century. (3)
- 395. CHINA IN REVOLUTION.** History of socialism and revolution in China, emphasizing rise of the Chinese Communist Party, its victory in 1949, and post-1949 People's Republic of China. (3)
- 396. MODERN JAPANESE HISTORY.** Beginning with Japan's early modern past and its forced emergence from isolation, the course will explore Japan's rise as a modern state, its plunge into militarism and war, with its subsequent economic "miracle." (3)
- 397. CHINA AND THE UNITED STATES SINCE 1784.** History of contacts between the two peoples since 1784, with focus on the 20th century. Includes all aspects of cultural, economic, and political relations. (3)
- 398. WAR AND MEMORY IN JAPAN.** An analysis of how Japan's experience in World War II has influenced its contemporary political, economic, and social structure. (3)
- 399. PROBLEMS IN HISTORY.** Special topics course; content varies; may be repeated for credit with consent of department chair. (1-3)
- 400. UNDERGRAD RESEARCH: U.S. HISTORY.** Closed to nonmajors except with instructor's permission. Prerequisite: enrollment restricted to history majors, junior standing required. (3)
- 401. DIRECTED READINGS IN HISTORY.** Open only to Honors College students working on theses in history. Prerequisite: enrollment restricted to history majors, junior standing required. (3)
- 402. DIRECTED RESEARCH IN HISTORY.** Open only to Honors College students working on theses in history. Prerequisite: enrollment restricted to history majors, junior standing required. (3)
- 405. TOPICS IN HISTORY ABROAD.** Students do approved course work at a foreign university. May not be used to complete 400-level seminar requirement for history majors. May be repeated for credit with permission of department chair. Prerequisite: enrollment restricted to history majors. (1-6)
- 445. UNDERGRAD RESEARCH: EUROPE TO 1648.** Content varies. Closed to nonmajors except with instructor's approval. Prerequisite: junior standing required. (3)
- 450. UNDERGRAD RESEARCH: EUROPEAN HISTORY.** Closed to nonmajors except with instructor's permission. Prerequisite: enrollment restricted to history majors, junior standing required. (3)
- 460. UNDERGRAD RESEARCH: AFRICAN HISTORY.** Closed to nonmajors except with instructor's permission. Prerequisite: enrollment restricted to history majors, junior standing required. (3)

**470. UNDERGRAD RESEARCH: LATIN AM HISTORY.** Closed to nonmajors except with instructor's permission. Prerequisite: enrollment restricted to history majors, junior standing required. (3)

**480. UNDERGRAD RESEARCH: EAST ASIA.** Content varies. Closed to nonmajors except with instructor's approval. Prerequisite: junior standing required. (3)

**490. UNDERGRAD READING SEMINAR IN HISTORY.** Reading and writing seminar for majors; content varies, may be repeated for credit. May substitute for any 400-level course to meet major requirements. Prerequisite: enrollment restricted to history majors, junior standing required. (3)

**HONORS COLLEGE** *See the Sally McDonnell Barksdale Honors College.*

**INTERNATIONAL RELATIONS** *See the Department of Political Science.*

## **INTERNATIONAL STUDIES**

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Cornelis Gispen, Executive Director, Croft Institute for International Studies, 304 Croft Institute

<http://www.croft.olemiss.edu>

### **INST**

**101. INTRODUCTION TO INTERNATIONAL STUDIES.** Exploration of ways of knowing, themes and concerns of international studies, and current issues and events in their global context. Prerequisite: international studies majors. (3)

**103. INTRO TO CHINESE LANGUAGE AND CULTURE.** An introduction to Chinese language and culture, providing a foundation for further study in the field. May not be counted toward major or minor credit in international studies. (3)

**107. INTRODUCTION TO LATIN AMERICA.** An introduction to Latin American societies, with emphasis upon the political, economic, and cultural issues facing the region. May not be counted toward a major or minor credit in international studies. (3)

**109. INTRODUCTION TO TOPICS IN GLOBAL STUDIES.** Examination of specific global issues on an introductory level, drawing upon social-scientific and historical modes of inquiry. Content varies. May not be counted toward major or minor credit in international studies. (3)

**110. INTERCULTURAL COMM: PREDEPARTURE.** Prepares students to cope with cross-cultural issues before studying abroad. Z grade. (1)

**111. INTERCULTURAL COMMUNICATION: REENTRY.** Designed to help students acquire the knowledge, skills, and attitudes that enable them to understand their study abroad experience and their readjustment to American culture in light of current intercultural theory and principles. Z grade. (1)

**203. EAST ASIAN STUDIES.** A multidisciplinary study of East Asia, with emphasis on the development of ideas and institutions in the region. Prerequisite: international studies majors. (3)

**205. EUROPEAN STUDIES.** A multidisciplinary study of Europe, with emphasis on the development of ideas and institutions in the region. Prerequisite: international studies majors. (3)

**207. LATIN AMERICAN STUDIES.** A multidisciplinary study of Latin America, with emphasis on the development of ideas and institutions in the region. Prerequisite: international studies majors. (3)

**211. READING SEMINAR.** Discussion of selected texts from journals, magazines, and newspapers chosen to challenge students in their analysis of current debates regarding core concerns within the international studies major. May be repeated once for credit. Z grade. Prerequisite: international studies majors. (1)

**212. FRENCH NEWS COVERAGE.** Structured discussion of French-language media designed to apply students' language skills to the study (in French) of current events that touch upon core concerns within the international studies major. May be repeated once for credit. Z grade. (1)

- 213. GERMAN NEWS COVERAGE.** Structured discussion of German-language media designed to apply students' language skills to the study (in German) of current events that touch upon the core of concerns within the international studies major. May be repeated once for credit. Z grade. Prerequisite: instructor approval required. (1)
- 214. LATIN AMERICAN NEWS COVERAGE.** Structured discussion of Latin American media designed to apply students' language skills to the study (in Spanish) of current events that touch upon core concerns within the international studies major. May be repeated once for credit. Z grade. Prerequisite: instructor approval required. (1)
- 310. TOPICS IN EAST ASIAN STUDIES.** Studies in modern East Asia. Examination of the histories and cultures, the social, political, and economic systems of the region. Content varies. Each course offering will draw upon relevant disciplines. May be repeated once for credit. Prerequisite: international studies majors. (3)
- 312. TOPICS IN EUROPEAN STUDIES.** Studies in modern Europe. Examination of the histories and cultures, the social, political, and economic systems of the region. Content varies. Each course offering will draw upon relevant disciplines. May be repeated once for credit. (3)
- 314. TOPICS IN LATIN AMERICAN STUDIES.** Studies in modern Latin America. Examination of the histories and cultures, the social, political, and economic systems of the region. Content varies. Each course offering will draw upon relevant disciplines. May be repeated once for credit. Prerequisite: international studies majors. (3)
- 316. TOPICS IN INTERNATIONAL STUDIES.** Examination of specific issues in international studies drawing upon cultural, economic, political, and social modes of inquiry. Each course offering will draw upon relevant disciplines. Content varies; may be repeated once for credit. (3)
- 318. TOPICS IN GLOBAL STUDIES.** Examination of theoretical and practical aspects of specific global issues of an over arching nature, such as international human rights and population movements. Each course offering will draw upon relevant disciplines. Content varies; may be repeated once for credit. (3)
- 321. THE VIETNAM WARS, 1946-1989.** The course focuses on the four wars that swept over Vietnam during the 20th century. (3)
- 323. RELIGION, THE STATE & CONFLICT IN ASIA.** Explores the interaction of religion and the state through case studies; examines roots of religious nationalism, relationship between religious identity and ethnicity; and international diplomatic strategies regarding religious conflicts in Asia. (3)
- 324. INTRODUCTION TO INTERNATIONAL LAW.** Introduction to fundamental notions of public international law and international trade law. (3)
- 325. GLOBAL ECOLOGY AND CONSERVATION.** This course explores how the science of ecology relates to environmental, cultural, political, and economic issues of global and international significance. Prerequisite: Bisc 104. (3)
- 326. MULTICULTURAL EUROPE.** This course examines European immigrant and indigenous communities with an emphasis on the social construction of group identity and the politics of multiculturalism. (3)
- 327. EUROPE AND THE MIDDLE EAST.** Explores shifting boundaries, exchanges, and encounters between Europe and the Middle East with emphasis on 20th- and 21st-century developments. (3)
- 331. TOPICS IN EAST ASIAN STUDIES ABROAD.** Students do departmentally approved course work at a foreign university. May be repeated with permission of international studies program. Prerequisite: international studies majors. (1-6)
- 332. TOPICS IN EUROPEAN STUDIES ABROAD.** Students do departmentally approved course work at a foreign university. May be repeated with permission of international studies program. Prerequisite: international studies majors. (1-6)
- 333. TOPICS IN LATIN AMERICAN STUDIES ABROAD.** Students do departmentally approved course work at a foreign university. May be repeated with permission of international studies program. Prerequisite: international studies majors. (1-6)
- 334. TOPICS IN INTERNATIONAL STUDIES ABROAD.** Students do departmentally approved course work at a foreign university. May be repeated with permission of international studies program. Prerequisite: international studies majors. (1-6)
- 341. CONTEMPORARY CHINA.** Examination of contemporary China from an interdisciplinary perspective with emphasis on the responses of Chinese society to the transition from socialism and communism. (3)
- 371. INTERNATIONAL TRADE AND GLOBALIZATION.** Combining insights from the fields of economics, politics, and public policy, this course aims to give international studies majors and

other students a broad training in political economy of contemporary trade policy. Prerequisite: Econ 202 with minimum grade of C. (3)

**411. RESEARCH IN EAST ASIAN STUDIES.** Students conduct departmentally approved research project off campus under faculty supervision and with permission of international studies program. May be repeated with permission of international studies program. Prerequisite: international studies majors. (1-6)

**412. RESEARCH IN EUROPEAN STUDIES.** Students conduct departmentally approved research project off campus under faculty supervision and with permission of international studies program. May be repeated with permission of international studies program. Prerequisite: international studies majors. (1-6)

**413. RESEARCH IN LATIN AMERICAN STUDIES.** Students conduct departmentally approved research project off campus under faculty supervision and with permission of international studies program. May be repeated with permission of international studies program. Prerequisite: international studies majors. (1-6)

**414. RESEARCH IN INTERNATIONAL STUDIES.** Students conduct departmentally approved research project off campus under faculty supervision and with permission of international studies program. May be repeated with permission of international studies program. Prerequisite: international studies majors. (1-6)

**421. RESEARCH SEMINAR I.** Preparatory senior thesis writing seminar required of all majors. Prerequisite: international studies majors. (3)

**422. RESEARCH SEMINAR II.** Senior thesis writing seminar required of all majors. Prerequisite: Inst 421 with minimum grade of C, international studies majors. (3)

**431. ORAL PROFICIENCY INTERVIEW.** This course is designed to administer the Oral Proficiency Interview. It is required of all international studies majors in the semester immediately preceding graduation. Z grade. Prerequisite: international studies majors, senior or above standing required. (0)

## **JOURNALISM**

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Samir A. Husni, Chair, 114 Farley Hall

<http://www.olemiss.edu/depts/journalism>

### **JOUR**

**101. INTRODUCTION TO MASS COMMUNICATION.** An introduction to traditional mass media (newspapers, magazines, television, radio, public relations and advertising), the New Media and their importance to and impact on modern society. (3)

**102. INTRODUCTION TO MULTIMEDIA WRITING.** Introduction to writing for print and broadcast journalism. Major emphasis on language skills and style conventions. Weekly laboratory required. Prerequisite: Engl 101 or Engl 102 or Liba 102 or Hon 101 or Hon 102. (3)

**271. NEWS REPORTING.** Development of basic news-gathering and writing for newspapers and magazines. Prerequisite: Jour 102 with minimum grade of C, typing proficiency of 30 wpm required. (3)

**272. BROADCAST NEWSWRITING AND REPORTING.** Introduction to basic newsgathering and writing for the broadcast media. Audio production techniques. Prerequisite: Jour 102 with minimum grade of C. (3)

**273. EDITING BY DESIGN.** An introduction to visual communication, layout and design, typography, and editing with direct application to specific journalism projects. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Jour 102 with minimum grade of C. (3)

**301. HISTORY OF MASS MEDIA.** Growth and development of the mass media and their role as participants in and chroniclers of U.S. history. Attention to ideological, political, technological, economic, and cultural factors. (3)

**371. COMMUNICATIONS LAW.** Legal rights and responsibilities of print and broadcast journalists. Attention to Constitutional law, Mississippi statutes and precedent, and FCC regulation. (3)

**375. PHOTOJOURNALISM.** Photographic theory; techniques in the use of cameras and desktop editing; interest factors in photography. Prerequisite: Jour 273 with minimum grade of C. (3)

- 376. TELEVISION TECHNOLOGY.** Fundamentals of television production and electronic news gathering through operation of portable cameras and editing of news stories. Prerequisite: Jour 272 with minimum grade of C. (3)
- 377. ADVANCED REPORTING.** Development of skills in conceiving, documenting, organizing, and presenting information. Emphasis on covering government institutions and using public records. Prerequisite: Jour 271 with minimum grade of C. (3)
- 378. TELEVISION REPORTING.** Writing and field producing news stories with an introduction to production of news programs. Prerequisite: Jour 376 with minimum grade of C. (3)
- 379. EDITING.** A comprehensive workshop in language usage: headline, cutline, and billboard writing; style, libel, and taste; accuracy and fairness. Laboratory. Prerequisite: Jour 271 with minimum grade of C. (3)
- 380. ADVANCED BROADCAST RELATIONS.** (3)
- 381. NEWSPAPER MANAGEMENT.** Managing and integrating the news, advertising, production, and circulation functions in the newspaper industry; analysis of problems and opportunities presented by economic, social, political, and technological change. Prerequisite: Jour 271 with minimum grade of C. (3)
- 383. ADVERTISING LAYOUT AND DESIGN.** Preparation of copy and graphics for advertising layouts. Prerequisite: Jour 273 with minimum grade of C. (3)
- 386. BROADCAST ADVERTISING SALES.** Basic advertising techniques for broadcasting, including planning, selling, and servicing clients at the local and national levels. (3)
- 388. BROADCAST MANAGEMENT.** Policies, procedures, and responsibilities involved in radio and television management. Prerequisite: Jour 272 with minimum grade of C. (3)
- 389. MAGAZINE EDITING.** Fundamentals of magazine editing, production, design, and management. Production of laboratory magazine. Prerequisite: instructor approval required. (3)
- 390. INTRODUCTION TO WRITING FOR ADVERTISING.** Types of advertising; concepts of creativity, copy structure, and style; emphasis on creative thinking and clear, precise writing in preparation of advertising for print and broadcast media and copy for presentations and direct mail. Prerequisite: Jour 102 with minimum grade of C. (3)
- 391. PUBLIC RELATIONS.** An introduction to the skills, theories, techniques, ethics, and goals of the public relations professions, emphasizing the role and importance of journalism skills in public relations communications. Prerequisite: Jour 102 with minimum grade of C. (3)
- 399. SCHOOL PUBLICATIONS.** Problems and purposes of school newspapers and other scholastic publications; production techniques; selecting and directing a staff; financial and ethical problems. Limited to students earning a secondary teaching certificate. (1-3)
- 400. INTERNATIONAL JOURNALISM.** An in-depth examination of the international media in a rapidly changing world, how journalists in other nations view and report the news and how that coverage compares to U.S. journalism. (3)
- 401. MAGAZINE SERVICE JOURNALISM.** Trends in service journalism magazine publishing. Students prepare a prospectus for a new venture, including concept, editorial philosophy, competition, staff, audience, content, and budget. Corequisite: Jour 273. Prerequisite: Jour 271 with minimum grade of C. (3)
- 403. ADVANCED PHOTOJOURNALISM.** This course aims to introduce and master the advanced techniques and tools of a professional photographer. It enhances the ability to generate journalistic ideas, conduct research, and write story proposals. Prerequisite: Jour 375 with minimum grade of C. (3)
- 444. INVESTIGATING CRIMINAL JUSTICE.** This course concentrates on current criminal cases in Mississippi. Students will develop skills in research, interviews, and writing about appeals by defendants who have been convicted and claim to be innocent. Prerequisite: Jour 377. (3)
- 472. MAGAZINE AND FEATURE WRITING.** Conceiving, marketing, researching, and writing nonheadline articles for newspapers and service journalism publications. Prerequisite: Jour 271 with minimum grade of C. (3)
- 475. EDITORIAL AND OPINION WRITING.** The editorial and opinion function in contemporary news media. researching and writing editorials, opinion columns, and reviews. Prerequisite: Jour 271 or Jour 272. (3)
- 477. SPECIALIZED REPORTING.** Advanced reporting focused on one or more areas of specialization (e.g., business, nonprofits, science, health, sports), based on instructor's interest and expertise. May be repeated once for a total of 6 credit hours. Prerequisite: Jour 377 or Jour 378. (3)
- 480. ADVANCED BROADCAST REPORTING.** Writing and gathering of in-depth stories and an introduction to the magazine piece and news documentary. Prerequisite: Jour 378 with minimum grade of C. (3)

**491. PUBLIC RELATIONS TECHNIQUES.** Practical analysis and development of specialized communication approaches to achieve specific objectives on behalf of a client. Application of public relations techniques inside and outside the classroom. Prerequisite: Jour 391 with minimum grade of C, Jour 271 or Jour 272. (3)

**492. PUBLIC RELATIONS CASE PROBLEMS.** Research, decision processes, and program design in addressing public relations problems at the management level. Application of public relations principles and techniques in programs of profit and nonprofit institutions. Role of mass media; ethical considerations. Prerequisite: Jour 391 with minimum grade of C. (3)

**495. JOURNALISM PRACTICUM.** Internship experience in print or electronic news media or related media agencies, such as public relations and advertising. Z grade. Prerequisite: junior standing required, consent of department chairperson required. (1-3)

**501. MAGAZINE SERVICE JOURNALISM PUBLISHING.** Conceptualization, market research, and production for a prototype and media kit for a service journalism magazine. Prerequisite: Jour 401 with minimum grade of C. (3)

**513. THE PRESS AND THE CHANGING SOUTH.** An analysis of politics in the southern United States; examination of the role of the press in covering social issues; techniques used to inform the public about phenomena such as protest movements and their impact on social, political, and economic change. (3)

**553. SERVICE JOURNALISM MANAGEMENT.** Business aspects of magazine publication. Personnel management with emphasis on getting productivity and quality results from creative people. Prerequisite: Jour 401 with minimum grade of C. (3)

**571. COMMUNICATIONS LAW.** (3)

**572. HISTORY OF MASS MEDIA.** (3)

**573. MASS COMM, TECHNOLOGY, AND SOCIETY.** The theory of mass communications technology in relation to media functions, responsibilities, and influence in society. (3)

**574. PUBLIC OPINION AND THE MASS MEDIA.** Effects of language, culture, and ideology. Communication in the formation and action of crowds, masses, and publics. Mass and personal persuasion and propaganda techniques. The diffusion of ideas. Community power structures. Public opinion measurement. (3)

**575. MASS MEDIA ETHICS AND SOCIAL ISSUES.** Formulation and discussion of professional ethics for journalists. Analysis of social forces affecting media performance. (3)

**577. DEPTH REPORTING.** Investigative and interpretative news writing; coverage of courts and legislative bodies; use of public records. Prerequisite: Jour 377 with minimum grade of C. (3)

**578. TELEVISION DOCUMENTARY REPORTING.** Development of skills in conceiving, documenting, recording, and presenting information at broadcast standards as mini-documentaries in television newscasts or as 30-minute and 60-minute documentary programs. Prerequisite: Jour 378 with minimum grade of C. (3)

**580. TOPICS IN JOURNALISM.** Perspectives on issues such as international mass communication, media and society, journalism ethics, diversity, etc. May be repeated for credit. Prerequisite: instructor approval required. (3)

**599. MEDIA PROBLEMS.** Directed individual study or professional project. (May be repeated once for credit). Prerequisite: consent of department chairperson required. (1-3)

**LABORATORY EXPERIENCES** *See the Department of Curriculum and Instruction.*

**LATIN** *See the Department of Classics.*

**LAW ENFORCEMENT** *See the Department of Legal Studies.*



## LEADERSHIP AND COUNSELOR EDUCATION

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Timothy D. Letzring, Chair, Guyton Hall

[http://www.olemiss.edu/depts/educ\\_school2/](http://www.olemiss.edu/depts/educ_school2/)

### Counselor Education-COUN

**301. CHILD PSYCHOLOGY.** Behavior of infants and children with reference to growth and learning as they influence individual development. (3)

**303. MEASUREMENT AND EVALUATION.** Nature of measurement evaluation; basic statistical concepts; evaluation as used in the instructional process; types of evaluation devices; teacher-made evaluation instruments. (3)

**307. EDUCATIONAL PSYCHOLOGY.** Application of principles of general and developmental psychology to the science of teaching; learning, motivation, psychological testing. (3)

**309. PSYCHOLOGY OF ADOLESCENCE.** Psychological principles underlying the mental, emotional, and socio-moral stresses of the preadolescent and adolescent. (3)

**333. PSYCHOLOGY OF HUMAN GROWTH AND DEVELOPMENT.** General survey of all aspects of psychological development from infancy through adolescence emphasized and additional focus on concepts, and principles of learning. (3)

**503. PSYCHOMETRIC PRINCIPLES.** Introduction to the principles and concepts basic to measurement. Test construction, evaluation procedures, interpretation, and ethics related to testing are emphasized. Knowledge of basic statistical principles is required. Prerequisite: Edrs 501. (3)

**523. GROUP STUDY OF PROBLEMS.** Area/problems approved by instructor. For groups interested in improving areas/problems within an agency/system. Z grade. (3-6)

**539. INTRODUCTION TO THE COUNSELING PROFESSION.** History and overview of counseling as a profession. An introduction to philosophical foundations, multicultural factors, services, theories and systems, contributors, and ethics. (3)

**545. LAB-INTERPERS COMM SKL.** Experimental seminar in communication skills and group methods; emphasis on the dynamics of interpersonal relationships with consideration of current theoretical perspectives. Z grade. (1-3)

**551. INDIVIDUAL STUDY.** Development of special projects under supervision. (1-6)

**570. MULTICULTURAL ISSUES IN COUNSELING.** Introduction to cultural diversity issues and exploration of multicultural concepts related to the counseling profession. (3)

**573. LEARNING SEMINAR.** Systems and principles of learning. Various contributors and their theories. Knowledge of basic learning principles is required. May be repeated for credit. (3)

**593. TOPICS IN COUNSELING I.** Topical format to address areas of interest to professional counselors. May be repeated for credit. (3)

**594. TOPICS IN COUNSELING II.** Topical format to address areas of interest to professional counselors. May be repeated for credit. (3)

**595. TOPICS IN COUNSELING III.** Topical format to address areas of interest to professional counselors. May be repeated for credit. (3)

### Foundations of Education-EDFD

**507. CONT. ISSUES IN AMERICAN EDUCATION.** Significant current questions under discussion in American education. (3)

**521. RECENT DEVELOPMENTS IN EDUC. PRACTICE.** Investigation and evaluation of selected contemporary innovations in teaching and the conducting of educational programs. (3)

### Educational Leadership-EDLD

**101. ACADEMIC SKILLS FOR COLLEGE.** The development of academic skills, including time management, note taking, reading textbooks, preparing for and taking examinations, and orientation to university life. Prerequisite: Enrollment restricted to first-year freshmen on academic probation. (3)

**105. THE FIRST YEAR SEMINAR.** Designed to help first-year students adjust to the university, develop a better understanding of the learning process, acquire essential survival skills, and begin

the major/career exploration process. The course also introduces students to the mission, values, and constituencies of a comprehensive public university, and to ethical and social concerns affecting its functioning. Prerequisite: freshman students only. (2)

**110. CHANCELLOR'S LEADERSHIP CLASS I.** Is intended for freshman students elected from a pool of candidates nominated by high school principals and guidance counselors. The course meets weekly for one hour. Programs are presented by persons in leadership capacities in government, education, journalism, business, sports, and religion. Additionally, students participate in prescribed leadership exercises and activities. Students also attend a yearly retreat and take a field trip to Jackson and the state capitol. Z grade. (1)

**111. CHANCELLOR'S LEADERSHIP CLASS II.** Is intended for freshman students elected from a pool of candidates nominated by high school principals and guidance counselors. The course meets weekly for one hour. Programs are presented by persons in leadership capacities in government, education, journalism, business, sports, and religion. Additionally, students participate in prescribed leadership exercises and activities. Students also attend a yearly retreat and take a field trip to Jackson and the state capitol. Z grade. (1)

**120. INTRODUCTION TO LEADERSHIP STUDIES.** Seminar to broaden the student's recognition of his or her ability to affect the community. Emphasis on personal identity, the development of leadership skills, and the development of confidence in self and in relationships. (3)

**201. CAREER DECISION MAKING.** The development of self-awareness and career/life planning skills through exposure to theories of career development, self-assessment instruments, decision-making models, and occupational exploration. Limited to freshmen and sophomores or consent of instructor. Students who take Edld 105 may not also receive credit for Edld 201. (3)

**202. FUNDAMENTALS OF ACTIVE LEARNING.** Required of students readmitted to the university upon return from academic suspension or academic dismissal. Students must meet contractual requirements of an academic success plan established by the academic support counselor. Requirements will include participation in workshops (topics to include comprehension, active learning, goal setting, time management, reading strategies, note taking, learning styles, etc.), individual and group meetings, logged study hours, prescribed consultations with other support units. Students must continue in the course until receiving a passing grade. Z grade. Prerequisite: Student with status required to book Edld 202 and may not drop. (2)

**220. FOUNDATIONS OF LEADERSHIP STUDIES.** Broaden the student's understanding of leadership by an in-depth study of the concept and practice of leadership as a way to maximize the student's ability to affect the community. (3)

**301. CAREER AND LIFE PLANNING.** The development of career and life-planning skills through exposure to occupational information, decision-making models, job search techniques, professional literature, leadership roles, values clarification, and career ladder strategies. Prerequisite: junior standing required. (3)

**320. THE UNIV. OF MS SERVICE ORGAN LEADERS.** Seminar in service learning and assignment as a University of Mississippi student leader. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Edld 120, Edld 220. (3)

**420. EXERCISING LEADERSHIP: MOBILIZING GROUP.** Advanced study of the concepts of leadership and authority especially seen as distinguishable characteristics. Mobilization of group action is the framework for this study. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Edld 120, Edld 220. (3)

**500. PERSPECTIVES ON EDUCATIONAL ADMIN.** Organization and structure of American education at the national, state, and local levels. (3)

**501. THE EFFECTIVE PRINCIPAL.** The principal as an instructional leader and unit manager. (3)

**504. INSTRUCTIONAL IMPROVEMENT.** Promoting teacher improvement through clinical supervision and awareness of the elements of effective teaching. (3)

**505. SCHOOL LAW SEMINAR.** Instruction in and discussion of current legal problems confronting school administrators. Z grade. (3)

## **Educational Research-EDRS**

**405. INTRODUCTION TO EDUCATIONAL RESEARCH.** An introduction to the research process and an investigation of the tools for conducting research with an emphasis on types of research design. (3)

**501. EDUCATIONAL STATISTICS I.** An introduction to descriptive and inferential statistical techniques with a particular emphasis on conceptual, computational, and computer applications. (3)

**557. COMPUTERS AND EDUCATION.** An introduction to computer technology; concepts and methods in educational applications; computer impacts on education. (3)

## **LEGAL STUDIES**

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David H. McElreath, Chair, 105 Odom Hall

<http://www.olemiss.edu/depts/legalstudies>

### **Criminal Justice-CJ**

**100. INTRODUCTION TO CRIMINAL JUSTICE.** Philosophical and historical backgrounds, agencies, and processes of the criminal justice systems in the United States. (3)

**110. INTRODUCTION TO LAW ENFORCEMENT.** An examination of the history and major functions of modern law enforcement agencies and personnel. Includes substantive chronology of policing in America, police services, and importance of different police activities. (3)

**115. INTRODUCTION TO HOMELAND SECURITY.** The issues pertaining to the role and mission of the Department of Homeland Security and related agencies, both domestic and international. (3)

**120. INTRODUCTION TO CORRECTIONS.** Contemporary correctional activities and the functions performed by correctional agencies and personnel employed within the correctional system dealing with both juvenile and adult offenders. (3)

**155. LAW ENFORCEMENT TACTICAL OPERATIONS.** An introduction to the use of force in law enforcement to include practical application and classroom discussion. (3)

**160. LAW ENFORCEMENT PATROL PROCEDURES.** Comprehensive police officer survival seminar examining laws regarding use of force, civil and criminal liability, mental conditioning, post shooting trauma, dynamics of lethal force, and a range of special topics. Strenuous physical activity is included. (3)

**210. CRIMINAL LAW.** Sources of criminal law, elements of crime, parties to crime, criminal intent, corpus delicti, solicitation, conspiracy, attempt; crimes against person, property and society; defenses and privileges. (3)

**230. PRINCIPLES OF INVESTIGATION.** Criminal investigation procedures, including theory of investigation, case preparation, specific techniques for selected offenses, questioning of suspects and witnesses, and problems in criminal investigation. (3)

**270. JUVENILE JUSTICE.** The American system of juvenile justice, including the roles and relationships of law enforcement, courts, probation and parole, diversionary programs, service agencies, and correctional institutions. (3)

**285. FOUNDATIONS OF TERRORISM.** Survey of the role of the criminal justice professional in combating terrorism in the modern world. (3)

**300. ETHICS IN LEGAL STUDIES.** Values, ideals, and principles underlying the administration of criminal justice. Topics to include theories of justice and punishment, moral aspects of coercive control, and criminal justice as ideology. (3)

**310. LAW ENFORCEMENT PROCESS AND POLICY.** Systematic study of police administration; influences of social and political factors on police processes and policy making; effects of organizational arrangements; innovations in police operations; problems of institutional maintenance and internal control. (3)

**315. DRUG ABUSE ENFORCEMENT AND CRIMINALITY.** The legal response to drug abuse in terms of laws, sanctions, and treatment alternatives. (3)

**320. CORRECTIONAL TREATMENT STRATEGIES.** Treatment strategies employed in adult and juvenile corrections programs, focusing on classification, types of institutional programming, and community and aftercare facilities. Prerequisite: CJ 100 with minimum grade of C, CJ 120 with minimum grade of C. (3)

**322. CRIMINAL JUSTICE COMMUNICATIONS.** Methods of gathering and reporting information essential to effective criminal justice operations are reviewed, discussed, and practiced. Emphasis is on developing effective interviewing skills and accurate reporting of information gathered by criminal justice practitioners. (3)

**330. HATE CRIMES AND ENFORCEMENT.** An examination of hate crimes, the offenders, and the impact upon victims and society. This course will explore both domestic and international hate groups and the causes and motives for such offenses. (3)

**335. MILITARY JUSTICE AND LAW.** An examination of military criminal jurisdiction over military personnel. (3)

**340. HOMICIDE AND DEATH INVESTIGATIONS.** Examination of homicide investigation and tools required to bring a case to successful completion. (3)

**345. COLD CASE INVESTIGATIONS.** An examination of the roles played by investigators, evidence technicians, supervisors, and prosecution attorneys in the investigation of cold cases. Prerequisite: CJ 100 with minimum grade of C, CJ 230 with minimum grade of C, CJ 110 with minimum grade of C. (3)

**360. INDEPENDENT STUDY.** Research project of extensive reading on disciplines or engagement in field experience. May be selected twice for a maximum of 6 hours. Must complete a project prospectus approved by supervising professor prior to enrollment. (1-3)

**370. DOMESTIC CRIMES AND FAMILY LAW.** Origins of violence in the family from the administration of justice perspective. Specific types of violent interactions and abuse among family members. Emphasis on technique for use by police to intervene effectively. (3)

**376. ELITE FORCES AND SPECIAL OPERATIONS.** An examination of the domestic and international organizations that are used to combat terrorism. Case studies will be used to examine the employment of these forces. (3)

**390. SPECIAL TOPICS.** Study of topics related to criminal justice but not addressed in other courses within the department. May be repeated once for credit. (3)

**399. SOCIAL JUSTICE AND COMMUNITY SERVICE.** This is a service-learning course designed to provide the student with a transformational experience through an exploration of the student's personal and social awareness. Prerequisite: CJ 100 with minimum grade of C, CJ 300 with minimum grade of C. (3)

**400. HOMELAND SECURITY OPERATIONS.** An examination of government agencies that are involved in war on terrorism and discussion of weapons of mass destruction issues. Discussion of various international terrorist groups and their respective ideologies. (3)

**410. CRIMINAL PROCEDURE.** Criminal procedure prior to trial affecting law enforcement officers; search, seizure, arrest, evidence, interrogation, confession, entrapment, arraignment, indictment, grand jury, bail, preliminary examinations. (3)

**415. FORENSIC SCIENCE AND CRIME SCENE ANALYSIS.** Scientific crime detection methods; crime scene search, identification and preservation of evidence; lie detection, Modus Operandi; firearms identification, fingerprint identification, and related subjects. (3)

**421. SELECTED TOPICS IN CRIMINAL JUSTICE II.** Study of topics related to criminal justice but not addressed in other courses within the department. May be repeated once for credit. (3)

**422. PROBATION, PAROLE & COMMUNITY CORRECTION.** Probation and parole in the criminal justice system; principles of diversion; models of programs; techniques and procedures. (3)

**425. SEX CRIMES AND INVESTIGATIONS.** Case studies of violent sex crimes, sexual perversions and sexual offenders are presented from an investigative perspective. Prerequisite: CJ 100 with minimum grade of C, CJ 230 with minimum grade of C, CJ 110 with minimum grade of C. (3)

**435. TERRORISM IN THE TWENTY-FIRST CENTURY.** Exploration of incidence and threats of terrorism and an investigation of security and law enforcement measures needed to combat it. Topics such as assassination, kidnapping, hijacking, extortion, sabotage, and hostage negotiations will be discussed. (3)

**444. LAW OF CORRECTIONS.** The study and analysis of prisoner rights, state and federal prisoner litigation, and the constitutional basis of these areas. (3)

**445. COMPARATIVE CRIMINAL JUSTICE SYSTEMS.** Comparison of international contemporary and historic justice processes, including multilanguage, multicultural, and multireligious dimensions. The course compares laws, police procedures, court practices, and correctional processes. (3)

**450. CRIMINAL JUSTICE STATISTICS & RESEARCH.** An examination of statistics and research in the criminal justice profession; a relationship of theory, statistical analysis, and application. Prerequisite: Math 115 with minimum grade of C, instructor approval required. (3)

**460. THE CORRECTIONAL EXPERIENCE.** Broad correctional experience designed to provide the opportunity to visit correctional institutions, observe operations, and interact with correctional practitioners and confined offenders. (3)

**465. CRIMINAL PROFILING AND SERIAL OFFENDERS.** Examination in criminal profiling to establish leads and detect patterns in unsolved cases and/or classify and predict the behavior patterns of repeat offenders, particularly serial murders, arsonists, rapists, and child molesters. Topics include case management, database development, typology validation, motive and pattern

analysis, personality assessment, forensic demography, statistical prediction, and the ethics of provocation, interview and interrogation strategies. (3)

**490. CRIMINAL JUSTICE INTERNSHIP.** Internship in an approved law enforcement agency under its supervision; book reports and written reports on internship required. Z grade. Prerequisite: CJ 399 with minimum grade of P. (3-6)

**499. COLLOQUIUM IN CRIMINAL JUSTICE.** Intensive examination of current developments and research in an area of criminal justice. Prerequisite: CJ 399 with minimum grade of C. (3)

**500. CRIMINAL JUSTICE ADMINISTRATION.** Lecture, discussion, and analysis of theories, and concepts of administration of justice. (3)

## Paralegal Studies-LA

**201. INTRODUCTION TO LAW.** Survey of the development of the law in our society; introduction to legal terminology and reasoning, substantive areas of the law, the legal profession, the paralegal profession, and legal ethics. (3)

**202. LAW OFFICE MANAGEMENT.** Study of the procedures, systems, and ethics of a law office, including timekeeping, file management, document management, library maintenance, and professional development of paralegals. Prerequisite: Engl 101, LA 201. (3)

**204. LEGAL RESEARCH/WRITING I.** How to use the law library, perform legal research, write legal memoranda, and use computers as research tools. Initial focus is on learning how to find legal materials, including federal and state case law, statutes and administrative law. Use of finding tools such as digests, encyclopedias, and annotated law reports will be studied, as will Shepardizing. Focus also on legal writing from letters to memoranda. Prerequisite: Engl 101 and LA 201. (3)

**205. LEGAL RESEARCH/WRITING II.** Advanced legal research, court rules, restatements, administrative decisions, drafting operative legal documents, memoranda of law to trial courts, and appellate briefs. Prerequisite: LA 204, Engl 101 and LA 201. (3)

**303. CIVIL LITIGATION I.** The fundamentals of bringing and defending a civil lawsuit with emphasis on the role played by paralegals. Includes introduction to court system; jurisdiction; rules of civil procedure and evidence; interviewing clients and witnesses; drafting of pleadings, motions, and other court papers; and ethical practices. Prerequisite: Engl 101 and LA 201. (3)

**304. CIVIL LITIGATION II.** A continuation of the study of the litigation process from discovery to appeal, including drafting of documents, document control and preparation of trial exhibits and notebooks. Prerequisite: LA 303. (3)

**305. CRIMINAL LAW AND PROCEDURE.** Covers the elements of crimes, the workings of the criminal justice system, and criminal trial practice, with special attention given to the assistance a paralegal may provide both to the prosecutor and defense counsel in the preparation of a criminal case. Prerequisite: Engl 101 and LA 201. (3)

**308. ADMINISTRATION OF WILLS AND ESTATES.** Introduction to the basic concepts of inheritance and estates, probate procedure, and preparation of documents. Prerequisite: Engl 101 and LA 201. (3)

**310. REAL PROPERTY AND ABSTRACTING.** Methods of recording and conveying land, including the preparation of instruments of title and abstracts of title. Survey of public records, including probate records, judgment rolls, tax records, etc. Prerequisite: Engl 101 and LA 201. (3)

**401. COMMERCIAL AND CONTRACTUAL RELATIONS.** Focus on the common law of contracts from the formation of the contract to its termination. Introduction to Uniform Commercial Code. Prerequisite: Engl 101 and LA 201. (3)

**402. TORTS.** A study of the basic law relating to the civil wrong as applied to personal and property damage. Prerequisite: Engl 101 and LA 201. (3)

**403. BANKRUPTCY LAW.** Students learn the instructions for preparing bankruptcy case documents and specific procedures for filing documents. Prerequisite: Engl 101 and LA 201. (3)

**404. ADMINISTRATIVE LAW.** Prepares students for a career with a law firm involved in administrative agency practice such as employment discrimination and Social Security disability. Also prepares students for governmental and private industry work that involves working with administrative regulations. Prerequisite: Engl 101 and LA 201. (3)

**405. BUSINESS ORGANIZATIONS.** Provides basic understanding of agency law, employment law, business contract law, and the competencies necessary to assist an attorney in the formation and documentation required to form and operate sole proprietorships, general and limited partnerships, corporations, and limited liability companies. Prerequisite: Engl 101 and LA 201. (3)

**406. DOMESTIC LAW.** Focus on comprehensive, substantive examination of the principles of domestic law and their application by paralegals, including requirements for valid marriage; dissolution of marriage by annulment, separation, and divorce; property rights; paternity, adoption, custody, and other parent/child relationships. Prerequisite: Engl 101 and LA 201. (3)

**408. MEDICAL LAW AND TERMINOLOGY.** Includes basic anatomy and physiology; reviewing medical literature and understanding common medical terminology. Litigation issues such as reading medical records, selecting an expert witness, preparing discovery for both plaintiff and defendant, and trial preparation. Prerequisite: Engl 101 and LA 201. (3)

**410. ALTERNATIVE DISPUTE RESOLUTION.** Provides students with an understanding of conflict and a working knowledge of the three major forms of dispute resolution in the legal field: negotiation, mediation, and arbitration. Prerequisite: Engl 101 and LA 201. (3)

**421. SELECTED TOPICS IN PARALEGAL STUDIES.** Study of topics related to paralegal studies but not addressed in other courses within the department. May be repeated once for credit. Prerequisite: Engl 101 and LA 201. (3)

**490. ADVANCED SEMINAR IN PARALEGAL STUDIES.** Seminar designed to provide paralegal majors with a comprehensive review prior to entering the working environment with discussions on law office management; technology; locating and managing internships; professional ethics; and current issues facing the paralegal profession. Prerequisite: senior or above standing required. (3)

**495. INTERNSHIP.** Supervised practical experience in private law offices, courts, government offices or businesses. Minimum of 135 clock hours. Prerequisite: LA 490. (3)

## **LIBERAL ARTS**

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Glenn W. Hopkins, Dean, College of Liberal Arts, Ventress Hall

<http://www.olemiss.edu/libarts>

### **LIBA**

**100. INTRODUCTION TO LIBERAL ARTS.** An introduction to the liberal arts and the nature of the university as a community of scholars. An overview of the history of higher education with special attention to the history of The University of Mississippi. An introduction to the basic activities that form the foundation of the academic enterprise. Prerequisite: Students in the College of Liberal Arts with 15 or fewer hours of cumulative course credit. (3)

**101. INTRO. TO OCCUPATIONAL/PHYSICAL THERAPY.** Group study of the roles and responsibilities of allied health professionals in providing care for special populations; review of legal and ethical considerations; supervised observation and hands-on experience as required for application to professional programs. Meets at the North Mississippi Regional Center. Z grade. (2)

**102. FIRST YEAR SEMINAR.** A seminar restricted to first-year students designed to introduce them to the world of learning in a class discussion format. Topics vary among sections. Emphasis is placed on the development of students' writing, oral communication, and critical thinking skills. This course may be substituted for Engl 102. Prerequisite: freshman students only. For detailed course descriptions, please visit the College of Liberal Arts at <http://www.olemiss.edu/libarts/liba102/>. (3)

**201. INTERDISCIPLINARY STUDIES IN CULTURE.** Courses offered at other institutions and that involve the techniques or interests of more than one of the arts, social sciences, or humanities may be transferred as elective credit under this designation. The amount of credit to be awarded is at the discretion of the dean. Z grade. (1-6)

**301. FOREIGN STUDY.** Independent study projects undertaken in foreign cultures or foreign institutions with prior approval of department and dean. Z grade. (1-24)

**302. TOPICS IN LIBERAL ARTS ABROAD.** Students do departmentally approved course work at a foreign university. May be repeated with permission of dean's office. (1-6)

**401. TOPICS IN THE LIBERAL ARTS.** This course serves as a vehicle for instruction, often interdisciplinary in nature, by distinguished visiting faculty with the college. Content and format vary. May be repeated once for credit. Z grade. (1-3)

## MANAGEMENT

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Robert K. Robinson, Chair, 372 Holman Hall  
<http://www.olemissbusiness.com/management/>

**Mgmt** (See *Management Information Systems/Production Operations Management for additional management courses.*)

**371. PRINCIPLES OF MANAGEMENT.** A comprehensive study of the coordination of organizational resources for the purpose of achieving organizational goals. Student's conceptual competencies will be enhanced by understanding the managerial processes of planning, organizing, staffing, directing, and controlling organizational activities. Critical thinking, problem solving and decision-making skills are developed through case analysis. Oral and written communication skills are demonstrated through written case reports and in-class presentations. Competency building exercises teach students how to apply knowledge and skills to implement creative and innovative solutions to organizational problems, as well as how to identify, analyze, and evaluate organizational opportunities. (3)

**383. HUMAN RESOURCE MANAGEMENT.** Principles and procedures relating to human resource management, including staffing, appraisal, training, compensation, and other programs for organizations. Prerequisite: Mgmt 371 with minimum grade of C. (3)

**391. ORGANIZATIONAL BEHAVIOR.** An integration of behavioral science concepts as applied to business and industry; theories dealing with individuals, small groups, and communications in organizations. (3)

**392. INTERCULTURAL BUSINESS COMMUNICATION.** Study of the importance of business communication to conducting global business effectively. Emphasis on organizational and interpersonal communication and negotiation skills in an integrated world economy. Prerequisite: Bus 271, Mgmt 371 with minimum grade of C. (3)

**484. TRAINING AND DEVELOPMENT.** Theory and application of training and development process for organizations. Topics include scientific issues, such as learning theory, and applied issues, such as needs analysis, cost benefit analysis, program analysis, and training methodologies. Prerequisite: Mgmt 383 with minimum grade of C. (3)

**485. SELECTION AND PLACEMENT.** Theory and application of selection processes for organizational staffing. Topics include scientific issues such as validity and reliability, legal issues such as affirmative action and civil rights, and applied issues such as selection methodology and techniques. Prerequisite: Mgmt 383 with minimum grade of C. (3)

**493. MANAGEMENT OF STRATEGIC PLANNING.** A comprehensive study of the strategic management process involving the formulation and implementation of strategies at the corporate, business, and functional levels of the purposive organization. The underlying theory of strategic management is conveyed through lectures, discussions, and assigned readings. Application is presented through analysis of case situations that illustrate how companies provide value to customers, create sustainable competitive advantage, and achieve financial and strategic objective. Particular emphasis will be placed on the continued development and application of student conceptual, critical thinking, and analytic reasoning skills to the analysis of complex strategic issues. Competency exercises refine student decision making and persuasive communication skills through oral and written presentations of recommended strategies and plans for implementation. Prerequisite: Fin 331, Mktg 351, Mgmt 372, Mgmt 371 with minimum grade of C. (3)

**494. COMPENSATION MANAGEMENT.** Examination and evaluation of the compensation subsystem as a vital component in establishing a workplace system that stimulates employee performance. Includes job analysis, job evaluation, and wage payment methods. Prerequisite: Mgmt 383 with minimum grade of C. (3)

**495. LEADERSHIP AND GROUP DYNAMICS.** The study of leadership and group processes in organizations with an emphasis on developing interpersonal skills, teamwork, and a keen awareness of how to lead and work with groups. Prerequisite: Mgmt 391 with minimum grade of C, Mgmt 371 with minimum grade of C. (3)

**496. SMALL BUSINESS MANAGEMENT.** Focus is on the special problems and skills involved in small business. The course will integrate the skills and concepts developed in accounting, finance,

marketing, management, personnel, and production. Prerequisite: Fin 331, Mktg 351, Mgmt 371 with minimum grade of C. (3)

**527. ADVANCED HUMAN RESOURCE MANAGEMENT.** The study of personnel management at the advanced level necessary for professional preparation. Course topics will include selection, placement, training, compensation, incentives, performance evaluation, and counseling, with an emphasis on legal and practical problems. Prerequisite: Mgmt 383 with minimum grade of C. (3)

**578. HISTORY OF MANAGEMENT THOUGHT.** Contrasting philosophy of management, historical development of management theory, and current issues in management practices. Prerequisite: Mgmt 371 with minimum grade of C. (3)

**581. COLLECTIVE BARGAINING.** An introductory course to the field of collective bargaining in the private and public sectors covering such topics as the history of unionism in America, the organizing process, the negotiating process, and administration of the collective bargaining agreement. Emphasis on pragmatic problems confronted by employers, employees, and unions. (Same as Econ 581). Prerequisite: Mgmt 383 with minimum grade of C. (3)

**582. EMPLOYEE RELATIONS.** Study of the federal regulation of private and public sector human resource management practices. Emphasis on recruiting, selection, employee discipline, equal opportunity compliance, workplace privacy, mandatory benefits, and fair labor standards. Prerequisite: Mgmt 383 with minimum grade of C. (3)

**583. LABOR RELATIONS.** An advanced course analyzing the evolution and impact of labor law in the U.S. The growth of unions, the Railway Labor Act, the Norris LaGuardia Act, and Fair Employment Law are emphasized using the case approach. (Same as Econ 583). Prerequisite: Mgmt 383 with minimum grade of C, senior or above standing required. (3)

**585. STRATEGIC HUMAN RESOURCE MANAGEMENT.** Formulation and implementation of HR policy at the strategic level of an organization. Emphasis on the impact of organizational strategic policy on human resource acquisition and placement, and environmental factors affecting this process. Also, strategies for maximizing HR productivity are introduced. Prerequisite: Mgmt 383 with minimum grade of C, Mgmt 527 with minimum grade of C, Mgmt 582 with minimum grade of C. (3)

**587. ORGANIZATION THEORY.** Traditional and contemporary organization theories with emphasis on current research and problem solving. Prerequisite: Mgmt 383 with minimum grade of C, Mgmt 371 with minimum grade of C. (3)

**595. INTERNATIONAL BUSINESS MANAGEMENT.** Analysis of international management concepts and practices; environmental interactions, social and cultural constraints, organizational structures, and systems of operation. Prerequisite: Bus 321 with minimum grade of C, Mgmt 371 with minimum grade of C. (3)

## **MANAGEMENT INFORMATION SYSTEMS/PRODUCTION OPERATIONS MANAGEMENT**

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Milam W. Aiken, Chair, Holman Hall

<http://www.olemissbusiness.com/mispom/>

### **Management Information Systems-MIS**

**280. BUSINESS APPLICATION PROGRAMMING I.** Study of graphical user interface design, arrays, procedures, database file access, drag-and-drop, graphics, animation, and custom controls and objects. Experience in computer program analysis, design, and implementation for business applications. (3)

**307. SYSTEMS ANALYSIS AND DESIGN.** The first course in a two-course sequence in systems analysis and design. The course covers development methodologies, application systems development management, behavioral aspects of the development process, problems and feasibility assessment, information requirements determination, communication skills, interpersonal skills, logical specification, and physical design. Prerequisite: MIS 280. (3)

**309. MANAGEMENT INFORMATION SYSTEMS.** The study of management information systems and decision support systems with a focus on computer-based model development techniques. This course also covers the relationship among advanced information technologies, business processes, and organization performance. (3)



**317. APPLIED SYSTEMS ANALYSIS AND DESIGN.** An applications course which builds on the concepts and techniques developed in MIS 307 to enable students to design and implement systems in "real-world" organizations. Prerequisite: MIS 307, MIS 309. (3)

**330. BUSINESS APPLICATION PROGRAMMING II.** Advanced study of object-oriented design and programming for business applications. Topics to be covered include classes and objects, applets, containers, multithreading, IO streams and sockets, packages, and scripts. Prerequisite: MIS 280. (3)

**405. DISTRIBUTED BUSINESS INFORMATION SYSTEMS.** Strategies and techniques for development of distributed business applications, with a focus on systems that can scale from very small to very large groups of users. Distributed server management concepts also will be covered. (3)

**408. ADVANCED MANAGEMENT INFORMATION SYSTEMS.** A study of data structures, file processing, databases and database management systems within organizations. The course covers all logical models of database, i.e., hierarchical, network, and relational models. Also covered are data analysis, design, implementation, and administration. Prerequisite: MIS 280. (3)

**409. APPLICATIONS OF DATABASE MANAGEMENT.** Techniques and concepts obtained in MIS 408 are used in the design, development, implementation, and maintenance of files and databases. Prerequisite: MIS 408. (3)

**412. WEB APPLICATION PROGRAMMING.** This course will present the basic concepts of Web programming, concentrating mainly on ASP, NET, SOL Server and ADO.Net so that the student will be able to develop and maintain Web pages for an e-business. Prerequisite: MIS 280. (3)

**419. APPLICATIONS OF MGMT. INFORMATION SYSTEMS.** A policy course to bring together the concepts and techniques developed in other MIS courses. Emphasis on group and/or individual projects and cases. Corequisite: MIS 317. Prerequisite: MIS 280, MIS 307, MIS 330, MIS 408, MIS 409, MIS 412, MIS 317. (2)

## **Production Operations Management-MGMT**

**372. PROD. AND DELIVERY OF GOODS AND SERVICES.** This survey course covers the processes of design, production, and distribution of goods and services in an organization. Topics include both structural (e.g., capacity, facility, technical, and supply chain) and tactical (e.g., workforce, production planning, materials control, performance measures, and organization renewal and improvement) issues of operations management. Students will draw on prior knowledge of statistics. Particular emphasis will be placed upon student analytical reasoning and problem solving. Prerequisite: Bus 230 or Econ 230. (3)

**475. OPERATIONS MANAGEMENT II.** Advanced procedures and techniques related to operations management; problem identification, and feasible solution methods. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Mgmt 372. (3)

**577. OPERATIONS PLANNING AND CONTROL.** Planning and control of operating systems; quality control, inventory control, maintenance, and product planning. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Bus 230 or Econ 230, Mgmt 372, Mgmt 475. (3)

**579. DECISION SYSTEMS.** Systems models for decision-oriented problems and computer solution methods; description problems and techniques for resource allocation. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Bus 230 or Econ 230, Mgmt 372, Mgmt 475. (3)

**MARINE BIOLOGY** *See the Department of Biology.*

## **MARKETING**

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Scott J. Vitell, Chair, 325 North Holman Hall

<http://www.olemissbusiness.com/marketing>

## **MKTG**

**351. MARKETING PRINCIPLES.** Basic principles and practices of marketing. This introductory course provides an understanding of the scope of marketing and its environment, social responsibility and ethics in marketing, the elements of the marketing mix-product, price,

promotion, and distribution, how consumers make decisions and how to research and identify target markets. (3)

**353. ADVERTISING AND PROMOTION.** Provides the basic understanding of the principles and practices of the advertising industry. Topics include understanding advertising's role in society; learning the structure of the advertising agency and career paths; and studying how advertising is planned, created, and implemented. Prerequisite: Mktg 351 with minimum grade of C. (3)

**354. PROFESSIONAL SELLING & RELATIONSHIP MKTG.** Presents personal selling as a professional marketing activity. Coverage includes effective selling methods and application of selling theories to the modern marketing concept. Active learning via in-class presentations and role-playing exercises are used. Prerequisite: Mktg 351 with minimum grade of C. (3)

**356. LEGAL, SOCIAL & ETHICAL ISSUES IN MKTG.** This course focuses on various external issues and constraints that often impact upon a marketing manager's decisions yet are typically beyond the manager's control. Specifically, it addresses the legal/regulatory issues that impact marketing and both historical as well as contemporary social, ethical, and institutional factors. Prerequisite: Mktg 351 with minimum grade of C. (3)

**358. SERVICES MARKETING.** This course addresses the challenge of marketing services and managing the service component of product/services combinations. Issues covered include service design, quality definition, satisfaction measurement, performance guarantees, and internal and external marketing planning and execution. Prerequisite: Mktg 351 with minimum grade of C. (3)

**361. INTRODUCTION TO RETAILING.** This course introduces students to the basic concepts of retailing. Subjects covered include the structure of retailing, analysis of the retail consumer, franchising, supplier relationships, location planning and analysis, store design and visual merchandising, as well as legal and ethical issues in the retail environment. Prerequisite: Mktg 351 with minimum grade of C. (3)

**367. CONSUMER BEHAVIOR.** This course involves the study of consumer behavior: the decision making process as well as the internal and external factors that influence it. The course emphasizes understanding the relevance of CB to marketers and its application in developing effective marketing. Prerequisite: Mktg 351 with minimum grade of C. (3)

**458. SALES MANAGEMENT.** Theory, principles, and practices of sales force administration for business manufacturing, wholesaling, and service enterprises. Topics include recruiting, training, compensation, and performance appraisal. Prerequisite: Mktg 351 with minimum grade of C, Mktg 354 with minimum grade of C. (3)

**462. DISTRIBUTION AND LOGISTICS MANAGEMENT.** Management of the fulfillment component of marketing activities; addressed are the marketing-related activities of supply/value chain organizations, the storage and movement of materials/products and information, through the fulfillment chain from originators to the final customers; emphasis on cost management and customer service issues. Prerequisite: Mktg 351 with minimum grade of C. (3)

**488. RETAIL STRATEGY.** An evolutionary perspective on optimal usage of the marketing mix. Focus is on how changes in economic, demographic, and technological factors induce (1) alterations in consumers' store choice and product-choice decisions and (2) modifications in the nature and scope of competition. Prerequisite: Mktg 351 with minimum grade of C. (3)

**494. PHARMACEUTICAL ECONOMICS.** Pharmacoeconomics is the description and analysis of the costs of drug therapy to health-care systems and society. Pharmacoeconomic research identifies, measures, and compares the costs (i.e., resources consumed) and consequences of pharmaceutical products and services. (Same as Phad 494). (3)

**495. TECHNIQUES OF PHARMACEUTICAL SALES.** To introduce various strategies and tactics available to those who represent the pharmaceutical industry to therapy decision makers. (Same as Phad 495). (2)

**496. PRINCIPLES OF PHARMACEUTICAL MARKETING.** The nature and scope of the pharmaceutical industry, its marketing practices and environment with emphasis on skills and techniques used in the efficient administration of a pharmaceutical sales program. (Same as Phad 496). (3)

**525. MARKETING RESEARCH.** The role of research in marketing decision making, research design and methodology, appraisal of alternative research methods, concepts of dealing with and collecting primary data. Prerequisite: Mktg 351 with minimum grade of C, MIS 309, Bus 230 or Econ 230 or Bus 302 or Econ 302. (3)

**551. MARKETING POLICY AND STRATEGY.** A course focusing on the integration and application of marketing knowledge. Marketing strategy and management are explored through the use of rigorous case studies, leading articles from the business press, and a hands-on marketing

management computer simulation. Both analytical and creative thinking are emphasized. Prerequisite: Mktg 351 with minimum grade of C. (3)

**552. GLOBAL MARKETING.** Extending domestic marketing concepts into the global marketplace: first, planning and executing trial international exports; followed by studying firms extending activities into multinational trade, and eventually transitioning into truly global strategies and tactics. Course includes an emphasis on cultural issues in extending markets into these non-domestic settings. Prerequisite: Mktg 351 with minimum grade of C. (3)

**565. ADVANCED CAMPAIGN PLANNING.** This course applies integrated marketing communications to a real-world corporate case. Intensive research, target market analysis, strategic communications, media planning, creative design, and campaign evaluation techniques are studied. Creative, analytical, and presentation skills are refined for a career in marketing communications. Prerequisite: Mktg 353 with minimum grade of C, Mktg 351 with minimum grade of C. (3)

## **MATHEMATICS**

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Iwo M. Labuda, Interim Chair, 305 Hume Hall

<http://www.olemiss.edu/depts/mathematics>

### **MATH**

**110. QUANTITATIVE REASONING.** Statistical reasoning, logical statements and arguments, personal business applications, linear programming, estimations, and approximation. (3)

**115. ELEMENTARY STATISTICS.** Descriptive statistics; probability distributions; sampling distributions; estimation; hypothesis testing; and linear regression. Classes meet twice a week for lecture in the classroom; students must spend an additional 50 minutes in the computer lab (Kinard 212) each week. (3)

**121. COLLEGE ALGEBRA.** College algebra. Classes meet twice a week for lecture in the classroom; students must spend an additional 50 minutes in the computer lab (Kinard 212) each week. (3)

**123. TRIGONOMETRY.** College trigonometry. (3)

**125. BASIC MATHEMATICS FOR SCI. AND ENG.** A unified freshman course designed especially for those students requiring a review of both algebra and trigonometry before beginning the calculus sequence. Classes meet twice a week for lecture in the classroom; students must spend an additional 50 minutes in the computer lab (Kinard 212) each week. (3)

**245. MATHEMATICS FOR ELEMENTARY TEACHERS I.** Introduction to sets; the real number system and its subsystems. For elementary and special education majors only. (3)

**246. MATHEMATICS FOR ELEMENTARY TEACHERS II.** Informal geometry; measurement and the metric system; probability and statistics. For elementary and special education majors only. Prerequisite: Math 245 with minimum grade of C. (3)

**261. UNIFIED CALCULUS & ANALYTIC GEOMETRY I.** Differential and integral calculus; analytic geometry introduced, covered in integrated plan where appropriate. Four-term sequence for engineering and science majors. (3)

**262. UNIFIED CALCULUS & ANALYTIC GEOMETRY II.** Differential and integral calculus; analytic geometry introduced, covered in integrated plan where appropriate. Four-term sequence for engineering and science majors. Prerequisite: Math 261 with minimum grade of C. (3)

**263. UNIFIED CALCULUS & ANALYTIC GEOMETRY III.** Differential and integral calculus; analytic geometry introduced, covered in integrated plan where appropriate. Four-term sequence for engineering and science majors. Prerequisite: Math 262 with minimum grade of C. (3)

**264. UNIFIED CALCULUS & ANALYTIC GEOMETRY IV.** Differential and integral calculus; analytic geometry introduced, covered in integrated plan where appropriate. Four-term sequence for engineering and science majors. Prerequisite: Math 263 with minimum grade of C. (3)

**267. CALCULUS FOR BUSINESS, ECON., & ACCY. I.** Differential and integral calculus with an emphasis on business applications. (3)

**268. CALCULUS FOR BUSINESS, ECON., & ACCY. II.** Differential and integral calculus with an emphasis on business applications. Prerequisite: Math 267 with minimum grade of C. (3)

**269. INTRODUCTION TO LINEAR PROGRAMMING.** Selected topics in quantitative methods with an emphasis on business applications. Topics include Gauss-Jordan elimination, simplex

solutions for linear programming models and transportation and assignment algorithms. Prerequisite: Math 267 with minimum grade of C. (3)

**271. CALCULUS OF DECISION MAKING I.** Differential calculus with an emphasis on its uses in decision making. Topics will include techniques to analyze functions of one variable and maximize functions of several variables subject to constraints, using the Lagrange method. Other topics may include elementary encryption techniques. Students may not receive credit for both Math 267 and Math 271. (3)

**272. CALCULUS OF DECISION MAKING II.** Integral calculus with an emphasis on its uses in decision making. Other topics may include markets and auctions. Nash equilibria and game theory and discrete forms on optimization. Students may not receive credit for both Math 268 and Math 272. Prerequisite: Math 271 with minimum grade of C. (3)

**281. COMPUTER LABORATORY FOR CALCULUS I.** Investigation of the techniques in Calculus I (Math 261) through the use of a computer. Corequisite: Math 261. (1)

**282. COMPUTER LABORATORY FOR CALCULUS II.** Investigation of the techniques in Calculus II (Math 262) through the use of a computer. Corequisite: Math 262. (1)

**283. COMPUTER LABORATORY FOR CALCULUS III.** Investigation of the techniques in Calculus III (Math 263) through the use of a computer. Corequisite: Math 263. (1)

**284. COMPUTER LABORATORY FOR CALCULUS IV.** Investigation of the techniques in Calculus IV (Math 264) through the use of a computer. Corequisite: Math 264. (1)

**301. DISCRETE MATHEMATICS.** Elementary counting principles; mathematical induction; inclusion-exclusion principles; and graphs. Prerequisite: Math 261 with minimum grade of C. (3)

**302. APPLIED MODERN ALGEBRA.** Languages, generating functions, recurrence relations, optimization, rings, groups, coding theory, and Polya theory. Prerequisite: Math 301 with minimum grade of C. (3)

**305. FOUNDATIONS OF MATHEMATICS.** Set theory with emphasis on functions, techniques used in mathematical problems, cardinal numbers. Prerequisite: Math 262 with minimum grade of C. (3)

**319. INTRODUCTION TO LINEAR ALGEBRA.** Vectors, matrices, determinants, linear transformations, introduction to vector spaces. Prerequisite: Math 262 with minimum grade of C. (3)

**353. ELEMENTARY DIFFERENTIAL EQUATIONS.** Equations of first and second order; linear equations with constant coefficients; solution in series. Corequisite: Math 264. (3)

**368. INTRODUCTION TO OPERATIONS RESEARCH.** An introduction to the mathematics involved in optimal decision making and the modeling of deterministic systems. Major topics to include linear programming, the simplex method, transportation algorithms, integer programming, network theory, and CPM/PERT. Prerequisite: Math 319 with minimum grade of C. (3)

**375. INTRODUCTION TO STATISTICAL METHODS.** Probability; distributions; joint probability distributions; conditional distributions; marginal distributions; independence; probability distributions; simple regression; simple correlation; and tests of significance; introduction to the use of statistical software packages. Prerequisite: Math 261 with minimum grade of C. (3)

**390. TECHNIQUES IN TEACHING SEC. LEVEL MATH.** Teaching techniques for algebra, geometry, trigonometry, and calculus are presented and discussed. For mathematics education majors only. (3)

**397. SPECIAL PROBLEMS.** May be repeated twice for credit for a total of 6 hours. Prerequisite: Math 305 with minimum grade of C. (1-3)

**401. COMBINATORICS.** An introduction to the mathematics of finite sets, Ramsey theory, Latin squares, graph theory, matroid theory, and other related topics. Prerequisite: Math 305 with minimum grade of C, Math 301 with minimum grade of C. (3)

**425. INTRODUCTION TO ABSTRACT ALGEBRA.** Real number system, groups, rings, integral domains, fields. Prerequisite: Math 263 with minimum grade of C. (3)

**454. INTERMEDIATE DIFFERENTIAL EQUATIONS.** Certain special methods of solution; systems of equations; elementary partial differential equations; equations occurring in physical sciences. Prerequisite: Math 353 with minimum grade of C. (3)

**459. INTRODUCTION TO COMPLEX ANALYSIS.** Complex numbers, complex differentiation, the Cauchy-Riemann equations and applications; the Cauchy integral formula, contour integration, series. Prerequisite: Math 264 with minimum grade of C. (3)

**461. NUMERICAL MATHEMATICAL ANALYSIS I.** (3)

**462. NUMERICAL MATHEMATICAL ANALYSIS II.** (3)

**475. INTRODUCTION TO MATHEMATICAL STATISTICS.** Data analysis; moment characteristics; statistical distributions, including Bernoulli, Poisson, and Normal; least squares, simple correlation,

and bivariate analysis; applications. Prerequisite: Math 375 with minimum grade of C, Math 262 with minimum grade of C. (3)

**480. INTRODUCTION TO ACTUARIAL SCIENCE.** A course to develop knowledge of the fundamental probability tools for quantitatively assessing risk with emphasis on the application of these tools to problems encountered in actuarial science. Topics include general probability concepts, univariate distributions, multivariate distribution, and risk management concepts. Prerequisite: Math 475 with minimum grade of C. (3)

**501. GENERAL TOPOLOGY I.** Metric spaces, continuity, separation axioms, connectedness, compactness, and other related topics. Prerequisite: Math 555 with minimum grade of C. (3)

**502. GENERAL TOPOLOGY II.** Introduction to algebraic topology. Prerequisite: Math 501 with minimum grade of C. (3)

**513. THEORY OF NUMBERS I.** Congruences; divisibility; properties of prime numbers; arithmetical functions; quadratic residues. Prerequisite: Math 305. (3)

**514. THEORY OF NUMBERS II.** Diophantine equations, distribution of prime numbers, and an introduction to algebraic number theory. Prerequisite: Math 513. (3)

**519. MATRICES.** Basic matrix theory, eigenvalues, eigenvectors, normal and Hermitian matrices, similarity, Sylvester's Law of Inertia, normal forms, functions of matrices. Prerequisite: Math 319 with minimum grade of C. (3)

**520. LINEAR ALGEBRA.** An introduction to vector spaces and linear transformations; eigenvalues, and the spectral theorem. (3)

**525. MODERN ALGEBRA I.** General properties of groups. (3)

**526. MODERN ALGEBRA II.** General properties of rings and fields. Prerequisite: Math 525. (3)

**533. TOPICS IN EUCLIDEAN GEOMETRY.** A study of incidence geometry; distance and congruence; separation; angular measure, congruences between triangles; inequalities; parallel postulate; similarities between triangles; circles area. Prerequisite: Math 305 with minimum grade of C. (3)

**537. NON-EUCLIDEAN GEOMETRY.** Brief review of the foundation of Euclidean plane geometry with special emphasis given the Fifth Postulate; hyperbolic plane geometry; elliptic plane geometry. (3)

**540. HISTORY OF MATHEMATICS.** Development of mathematics, especially algebra, geometry, and analysis; lives and works of Euclid, Pythagoras, Cardan, Descartes, Newton, Fuler, and Gauss. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Math 305 with minimum grade of C. (3)

**545. TOPICS FOR SECONDARY SCHOOL TEACHERS.** High school subjects from an advanced point of view and their relation to the more advanced subjects. (3)

**555. ADVANCED CALCULUS I.** Limits, continuity, power series, partial differentiation; multiple, definite, improper, and line integrals; applications. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Math 305 with minimum grade of C. (3)

**556. ADVANCED CALCULUS II.** Limits, continuity, power series, partial differentiation; multiple, definite, improper, and line integrals; applications. Prerequisite: Math 555 with minimum grade of C. (3)

**567. INTRODUCTION TO FUNCTIONAL ANALYSIS I.** Metric spaces, Normed linear spaces and linear operators. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Math 556 with minimum grade of C. (3)

**568. INTRODUCTION TO FUNCTIONAL ANALYSIS II.** Metric spaces, Normed linear spaces and linear operators. Prerequisite: Math 567 with minimum grade of C. (3)

**572. INTRODUCTION TO PROBABILITY & STATISTICS.** Emphasis on standard statistical methods and the application of probability to statistical problems. Prerequisite: Math 261 with minimum grade of C, Math 262 with minimum grade of C, Math 263 with minimum grade of C, Math 264 with minimum grade of C. (3)

**573. APPLIED PROBABILITY.** Emphasis on understanding the theory of probability and knowing how to apply it. Proofs are given only when they are simple and illuminating. Among topics covered are joint, marginal, and conditional distributions, conditional and unconditional moments, independence, the weak law of large numbers, Tchebycheff's inequality, Central Limit Theorem. Prerequisite: Math 261 with minimum grade of C, Math 262 with minimum grade of C, Math 263 with minimum grade of C, Math 264 with minimum grade of C. (3)

**574. PROBABILITY.** Topics introduced in Math 573 will be covered at a more sophisticated mathematical level. Additional topics will include the Borel-Cantelli Lemma, the Strong Law of Large Numbers, characteristic functions, fourier transforms. Prerequisite: Math 573 with minimum grade of C. (3)

**575. MATHEMATICAL STATISTICS I.** Mathematical treatment of statistical and moment characteristics; frequency distribution; least squares; correlation; sampling theory. Prerequisite: Math 262 with minimum grade of C. (3)

**576. MATHEMATICAL STATISTICS II.** Mathematical treatment of statistical and moment characteristics; frequency distribution; least squares; correlation; sampling theory. Prerequisite: Math 575 with minimum grade of C. (3)

**577. APPLIED STOCHASTIC PROCESSES.** Emphasis on the application of the theory of stochastic processes to problems in engineering, physics, and economics. Discrete and continuous time Markov processes, Brownian Motion, Ergodic theory for stationary processes. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Math 573 with minimum grade of C. (3)

**578. STOCHASTIC PROCESSES.** Topics will include general diffusions, Martingales, and Stochastic differential equations. (3)

**590. TECHNIQUES IN TEACHING COLLEGE MATH.** Directed studies of methods in the presentation of college mathematics topics, teaching and testing techniques. This course is required of all teaching assistants, each semester, and may not be used for credit toward a degree. Z grade. (1-3)

**597. SPECIAL PROBLEMS I.** (1-3)

**598. SPECIAL PROBLEMS II.** (1-3)

**599. SPECIAL PROBLEMS III.** (1-3)

## **MECHANICAL ENGINEERING**

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A.M. Rajendran, Chair, 201 Carrier Hall

[http://www.olemiss.edu/depts/mechanical\\_eng/](http://www.olemiss.edu/depts/mechanical_eng/)

### **M E**

**324. INTRODUCTION TO MECHANICAL DESIGN.** The design process and methodology, analysis, synthesis, application of fundamentals to specific machine components, feasibility including economic and human factors, social significance, creativity, communication, ethics, and professionalism. (2 lecture, 1 practicum hour). Prerequisite: Engr 312. (3)

**325. INTERMEDIATE DYNAMICS.** Continuation of Engr 309. Rigid body dynamics, vibrations, Lagrangian formulations; application to mechanical engineering problems. Prerequisite: Engr 309. (3)

**399. THERMODYNAMICS II.** Continuation of Engr 321. Application to vapor and gas cycles; introduction to performance, introduction to statistical thermodynamics. Prerequisite: Engr 321. (3)

**401. THERMO-FLUID DYNAMICS.** The conservation equations and laws of thermodynamics are used in formulating and solving problems in compressible gas dynamics, reacting flows, boundary layers, heat transfer, and plasma dynamics. Prerequisite: Engr 322. (3)

**402. ELEMENTS OF PROPULSION.** An application of the principles of gas dynamics and physical laws to the analysis, performance estimation, and design of air-breathing propulsion devices including the ramjet, turbojet, turbofan, and turboprop engines. Prerequisite: M E 401. (3)

**404. APPLIED FLUID MECHANICS.** Review of hydrostatics and dynamics, dimensional analysis and modeling, analysis and design of fluid mechanical systems including open channels, pipe networks, turbomachinery, and aerodynamic bodies. Prerequisite: Engr 322. (3)

**405. MODERN ENERGY CONVERSION.** Consideration of high power density conversion such as magnetohydrodynamics, fuel cells, and electro-mechanical conversion. Prerequisite: M E 401. (3)

**416. STRUCTURES AND DYNAMICS LABORATORY.** Introduction to the basic and latest instrumentation related to static and dynamic measurements and methods of collecting and analyzing experimental data; experiments chosen to reinforce basic static and dynamic theories. Corequisite: Engr 310. Prerequisite: Engr 312, M E 325. (1)

**417. PROJECTS.** Approved investigation of original problem under direction of a staff member. Corequisite: Engr 309, Engr 321. (1-3)

**418. PROJECTS.** Approved investigation of original problem under direction of a staff member. Corequisite: Engr 309, Engr 321. (1-3)

**419. ENERGY AND FLUIDS LABORATORY.** Laboratory experiments demonstrating fundamental laws and use of scientific instruments in thermodynamics, heat transfer, and fluid flow. Prerequisite: Engr 322. (1)

**420. EXPERIMENTAL MECHANICAL ENGINEERING II.** Experimental laboratory with student-designed experiments, either modification of current experiments or new ones using more general purpose equipment. Prerequisite: M E 419. (1)

**421. STRUCTURAL ANALYSIS.** Classification and analysis of simple structural systems; ASCE-7 provisions for minimum loads; virtual work and virtual displacement methods; introduction to flexibility and displacement matrix methods; stiffness matrices for rod, frame, and slab elements; computational tools. (Same as C E 411). Prerequisite: Engr 312. (3)

**422. STRUCTURAL DESIGN I.** Design of steel and concrete structural members according to ACI and AISC LRFD specifications; reinforced concrete and rolled steel sections subject to axial force, flexure, shear, torsion, and combined loading; fatigue and fracture; introduction to connections. (Same as C E 412) Corequisite: M E 421. (3)

**427. KINEMATIC ANALYSIS AND SYNTHESIS.** Lectures introduce the kinematic design of mechanisms such as linkages, cams, gears and gear trains; motion of such mechanisms, their velocities and accelerations are analyzed by graphical, analytical, and computer-aided design methods of synthesis and optimization. Lecture and projects. Corequisite: Engr 330. Prerequisite: M E 324. (4)

**428. DYNAMICS OF MACHINERY.** Force analysis of machinery; engine dynamics and flywheel design; balancing of rotors and reciprocating masses; single and multicylinder engine design; shafts and cam dynamics. Prerequisite: M E 427. (3)

**438. MECHANICAL ENGINEERING DESIGN.** Design projects involving the fabrication and testing of a prototype; and/or selection of new design projects addressing realistic constraints such as safety, cost, reliability, aesthetics, ergonomics, ethics, and social impact. Corequisite: M E 428. (3)

**521. PROJECTS.** Approved investigation of problem under direction of a staff member. (3)

**522. PROJECTS.** Approved investigation of problem under direction of a staff member. (3)

**523. SPECIAL TOPICS IN MECHANICAL ENGINEERING.** Supervised reading of specialized topics beyond these available in existing courses. (3)

**524. SPECIAL TOPICS IN MECHANICAL ENGINEERING.** Supervised reading of specialized topics beyond these available in existing courses. (3)

**525. ADVANCED DYNAMICS.** Rigid body dynamics, vibrations, LaGrangian and Hamiltonian formulations; application to mechanical engineering problems. Prerequisite: M E 325 or graduate standing. (3)

**526. EXPERIMENTAL METHODS.** Generalized theory for designing engineering experiments, processing experimental data, including proper procedures for handling time varying quantities and uncertainties. Some state-of-the-art techniques will be used to illustrate the theory. (3)

**527. MATERIALS PROCESSING.** Metal processing, including casting, forging, press operation machining; plastic fabrication, including casting, molding, press forming; tool and die designs; coatings. Prerequisite: M E 427 or graduate standing. (3)

**528. POLYMER PROCESSING.** Analytical non-Newtonian fluid mechanical approach to polymer processing techniques; calendars, screw pumps, extruders, mixing, injection molding and bonding operations. Prerequisite: Engr 322 or graduate standing. (3)

**530. PHYSICAL METALLURGY.** Application of chemical and microstructural control for understanding material behavior. Topics include a survey of relevant areas of thermodynamics and kinetics, phase diagrams, diffusions, solidifications, solid state transformations, recovery, recrystallization, and grain growth. Prerequisite: Engr 313 or graduate standing. (3)

**531. MECHANICAL BEHAVIOR OF ENGR MATERIALS.** The dislocation concept of plastic deformation is introduced and used to explain the relationships between microstructure and mechanical properties. The phenomena of strain hardening, creep, fatigue, and fracture are discussed in detail. Prerequisite: Engr 313 or graduate standing. (3)

**532. GLASS AND CERAMICS.** The application of atomic structure to a study of physical properties of amorphous systems and ceramics. Topics include classical ceramic bodies, glasses, refractories, cements, cermets, and electronic ceramics. Prerequisite: Engr 313 or graduate standing. (3)

**533. ELECTRONIC PROPERTIES OF MATERIALS.** Theories of electron/atom interactions and electron transport are examined to explain the electronic properties of solids. Junctions, magnetic and optical properties are also discussed with special emphasis on semiconducting materials. (Same as El E 533). (3)

**534. PROPERTIES AND SELECTION OF MATERIALS.** Fundamental relationships that govern the properties of materials will be examined and used to optimize the selection of engineering materials. Materials covered will include metals, plastics, ceramics, and composites. (3)

**535. EXPERIMENTAL STRESS ANALYSIS.** The theories of experimental stress analysis techniques are examined in detail with special emphasis on the application of strain measurement methods, brittle coatings, transmission, and reflection photoelasticity. Prerequisite: Engr 312 or graduate standing. (3)

**538. EXPRL CHARACTER OF POLYMER COMPOSITES.** Methods for the experimental characterization of polymeric composites. Topics include testing standards, test methods, and data analysis procedures. Prerequisite: Engr 313 or Engr 314 or graduate standing. (3)

**540. FAILURE ANALYSIS.** Tools, techniques, and theories of failure analysis. Topics include failure analysis tools, mechanical aspects of failure analysis, microfractographic features, macrofractographic features, and the role of failure in design. Prerequisite: Engr 313 or Engr 314 or graduate standing. (3)

**541. THEORY AND USE OF CAD AND SOLID MODELING** This course will introduce students to the theory and utilization of modern CAD/CAM/CAE systems. Students will learn techniques and methods of solid modeling, will apply these tools to the design process, and will develop the ability to utilize solid models for communication, analysis, and manufacturing. (3)

**555. HEATING VENTILATION AND AIR-CONDITIONING** The theory and design of heating, ventilating, and air-conditioning systems for buildings with emphasis on using the fundamental principles of thermodynamics, heat transfer, and fluid mechanics, and current technology to meet energy conservation standards and environmental regulations. Prerequisite: Engr 321 or Engr 322 or graduate standing. (3)

## MEDICINAL CHEMISTRY

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Stephen J. Cutler, Chair, 417 Faser Hall

[http://www.olemiss.edu/depts/pharmacy/medicinal\\_chemistry](http://www.olemiss.edu/depts/pharmacy/medicinal_chemistry)

### MEDC

**317. PHARMACOGENETICS AND PHARMACOIMMUNOLOGY.** A detailed introduction to the basic concepts of molecular genetics, biotechnology, and immunology of life processes that provide an essential foundation for rational drug therapy. Prerequisite: Phcl 343 with minimum grade of C. (3)

**411. MEDICINAL CHEM OF THERAPEUTIC AGENTS I.** Discussion of relationships of structural properties of drugs to pharmacological properties, absorption, distribution and metabolism profiles, chemical stability, mechanism of action and clinically significant drug interactions. Corequisite: Phcl 443. (3)

**412. MEDICINAL CHEM OF THERAPEUTIC AGENTS II.** Continuation of Medc 411. Corequisite: Phcl 444. Prerequisite: Medc 411 with minimum grade of C. (3)

**416. INTRO TO THE PRINCIPLES OF MED CHEM I.** Introduction to the chemical and physical properties of medicinal agents, relationships of structural properties of drugs to pharmacological properties and metabolism profiles, chemical stability, mechanism of action and clinically significant chemical interactions. (3)

**417. INTRO TO THE PRINCIPLES OF MED CHEM II.** A continuation of the introduction to the chemical and physical properties of medicinal agents, relationships of structural properties of drugs to pharmacological properties and metabolism profiles, chemical stability, mechanism of action and clinically significant chemical interactions. Prerequisite: Medc 416. (3)

**501. ADVANCED MEDICINAL CHEMISTRY I.** Advanced study of organic medicinal agents with emphasis on names, synthesis, chemical properties, and pharmacological properties. Readings in the current literature required. (3)

**502. ADVANCED MEDICINAL CHEMISTRY II.** Continuation of Medicinal Chemistry 501. Readings in the current literature required. Prerequisite requirements for this course may also be satisfied by consent of department. Prerequisite: Medc 501 with minimum grade of C. (3)

**503. MEDICINAL CHEMISTRY RESEARCH METHODOLOGY** A hands-on introduction to the practical aspects of the chemical methodology necessary to conduct medicinal chemistry research, including separation and purification technology, spectroscopic techniques, and medicinal chemistry literature searching. (3)



**507. ORGANIC CHEMISTRY OF DRUG SYNTHESIS.** Discussion of the synthetic approaches to many of the therapeutic classes of drugs studied in medicinal chemistry courses with an accent on the relationship of chemical structure to improved efficacy. Prerequisite requirements for this course may also be satisfied by consent of department. Prerequisite: Medc 501 with minimum grade of C. (3)

**541. PROBLEMS IN MEDICINAL CHEMISTRY.** Investigation of individual problems. (1-4)

**542. PROBLEMS IN MEDICINAL CHEMISTRY.** Investigation of individual problems. (1-4)

**543. SEMINAR ON CURRENT MEDICINAL CHEM TOPICS.** A seminar consisting of presentations by faculty, graduate students, B.S. in Pharmaceutical Science/medicinal chemistry track students, and invited speakers. Taken by students presenting seminars during the fall semester. (1)

**544. SEMINAR ON CURRENT MEDICINAL CHEM TOPICS.** A seminar consisting of presentations by faculty, graduate students, B.S. in Pharmaceutical Science/medicinal chemistry track students, and invited speakers. Taken by students presenting seminars during the spring semester. (1)

**MICROBIOLOGY/IMMUNOLOGY** *See the Department of Biology.*

## **MILITARY SCIENCE AND LEADERSHIP**

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John Abruscato, Chair, 1st Floor, Barnard Hall

<http://www.armyrotc.com/edu/univms/index.htm>

### **MSL**

**101. FOUNDATIONS OF OFFICERSHIP.** Organization of the U.S. Army and ROTC, rank structure of the Army, customs and traditions, pay and benefits. Enrollment in this course does not incur a military obligation. (1 lecture, 1 lab hour). (2)

**102. BASIC LEADERSHIP AND MANAGEMENT.** Small unit leadership, basic principles and fundamentals of leadership and management. Enrollment in this course does not incur a military obligation. (1 lecture, 1 lab hour). (2)

**103. FOUNDATIONS OFFICERSHIP & BASIC LEADER.** Combination of Msl 101 and Msl 102. Spring semester only. Enrollment in this course does not incur a military obligation. (2 lecture, 1 lab hour). (3)

**105. BASIC TRAINING.** Credit for successful completion of basic training in the U.S. Army. Z grade. (4)

**200. INTRO TO MILITARY SCIENCE AND LEADERSHIP.** Summer leadership training course designed to introduce the student to all facets of military leadership with a focus toward understanding traditional military leadership values. (Will not count for credit if Msl 101 or 102 or 201 or 202 is counted.) Department approval is required. (4)

**201. INDIVIDUAL LEADERSHIP STUDIES.** A leadership and management course covering small unit leadership, problem analysis and decision making, planning and organizing, delegation and control, and interpersonal skills required for effective military leadership. Enrollment in this course does not incur a military obligation. (2 lecture, 1 lab hour). (3)

**202. LEADERSHIP AND TEAMWORK.** Map reading, land navigation, and basic first aid skills. Enrollment in this course does not incur a military obligation. (2 lecture, 1 lab hour). (3)

**203. RANGER CHALLENGE.** A leadership and team-building course with emphasis on basic rifle marksmanship (BRM), land navigation, physical training, patrolling, rope bridges, hand grenades, and road marches. (3 lecture, 1 lab hour). (3)

**301. LEADERSHIP AND PROBLEM SOLVING.** A leadership course emphasizing small unit tactics up to the company level, military skills, combat orders, land navigation, and rifle marksmanship. (3 lecture, 1 lab hour). (4)

**302. LEADERSHIP AND ETHICS.** A leadership course emphasizing small unit tactics, further developing the fundamentals learned in Msl 301. (3 lecture, 1 lab hour). Prerequisite: Msl 301. (4)

**340. AMERICAN MILITARY EXPERIENCE.** The development of the armed forces of the United States since 1775. Military institutions will be viewed in terms of their relationships to the wider context of U.S. history. (3)

**399. RESEARCH SEM. IN MIL. SCI. & LEADERSHIP.** Research and practical exercises in one of the following areas: military leadership, tactics, personnel management, information management,

training management, logistics, recent military developments. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Msl 302. (1-3)

**401. LEADERSHIP AND MANAGEMENT.** A leadership course emphasizing duties and responsibilities of the company grade Army officer. Command and leadership, staff functions, training management, logistics, military correspondence, military justice, law of war, professionalism, and ethics. (3 lecture, 1 lab hour). Prerequisite: Msl 302. (4)

**402. OFFICERSHIP.** A leadership course emphasizing duties and responsibilities of the company grade Army officer, further developing the fundamentals learned in Msl 401. (3 lecture, 1 lab hour). Prerequisite: Msl 401. (4)

## MODERN LANGUAGES

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Donald L. Dyer, Chair, C-115 Bondurant Hall

[http://www.olemiss.edu/depts/modern\\_languages/](http://www.olemiss.edu/depts/modern_languages/)

**PREREQUISITE FOR ALL 500-LEVEL MODERN LANGUAGE COURSES:** Completion of 201-202 or the equivalent and completion of 9 hours at the 300 level, unless approved by the instructor and the department chair.

### Arabic-ARAB

**111. INTENSIVE ELEMENTARY ARABIC I.** To develop proficiency in Arabic with cultural information about the Arabic-speaking world. Prerequisite: instructor approval required. (5)

**112. INTENSIVE ELEMENTARY ARABIC II.** Continuation of Arab 111. To develop proficiency in Arabic with cultural information about the Arabic-speaking world. Prerequisite: Arab 111. (5)

**211. INTENSIVE INTERMEDIATE ARABIC I.** Continuation of Arab 112 to develop proficiency in Arabic with cultural information about the Arabic-speaking world. Prerequisite: Arab 112. (6)

**212. INTENSIVE INTERMEDIATE ARABIC II.** Continuation of Arab 211 to develop proficiency in Arabic with cultural information about the Arabic-speaking world. Prerequisite: Arab 211. (6)

**310. ARABIC-SPECIAL TOPICS.** (3)

### Chinese-CHIN

**101. ELEMENTARY CHINESE I.** Introduction to the Chinese language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the Chinese-speaking world. Intended for students with fewer than two years of high school Chinese. (3)

**102. ELEMENTARY CHINESE II.** Continuing introduction to the Chinese language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the Chinese-speaking world. Prerequisite: Chin 101. (3)

**111. INTENSIVE CHINESE I.** To develop proficiency in Chinese with cultural information about the Chinese-speaking world. Prerequisite: instructor approval required. (5)

**112. INTENSIVE CHINESE II.** Continuation of Chin 111 to develop proficiency in Chinese with cultural information about the Chinese-speaking world. Prerequisite: Chin 111. (5)

**198. ELEMENTARY CHINESE STUDY ABROAD.** Emphasis on building Chinese proficiency and learning cultural information while studying abroad in a Chinese-speaking country. Prerequisite: consent of department chairperson required. (1-6)

**199. SPECIAL TOPICS IN CHINESE.** Topics vary. Available only during Study Abroad and with departmental approval. May not be used to fulfill foreign language requirements. (1-6)

**201. INTERMEDIATE CHINESE I.** Development of proficiency in speaking, reading, writing, and understanding Chinese with cultural and linguistic information about the Chinese-speaking world. Prerequisite: Chin 102. (3)

**202. INTERMEDIATE CHINESE II.** Emphasis on communication and culture. Prerequisite: Chin 201. (3)

**211. INTENSIVE CHINESE III.** Continuation of Chin 111 to develop proficiency in Chinese with cultural information about the Chinese-speaking world. Prerequisite: Chin 112. (5)

**212. INTENSIVE CHINESE IV.** Continuation of Chin 211 to develop proficiency in Chinese with cultural information about the Chinese-speaking world. Prerequisite: Chin 211. (5)

**215. CHINESE PRACTICUM I.** This course provides students with communication opportunities in China. Prerequisite: Chin 212. (5)

**298. INTERMEDIATE CHINESE STUDY ABROAD.** Emphasis on building Chinese proficiency and learning cultural information while studying abroad in a Chinese-speaking country. Prerequisite: Chin 102. (1-6)

**299. SPECIAL TOPICS IN CHINESE.** Topics vary. Available only during Study Abroad and with departmental approval. May not be used to fulfill foreign language requirement. Prerequisite: Chin 202 or Chin 298. (1-6)

**301. CONVERSATION AND COMPOSITION I.** Development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite: Chin 202. (3)

**302. CONVERSATION AND COMPOSITION II.** Continued development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite requirements for this course may also be satisfied by equivalent course work as approved by the department. Prerequisite: Chin 301. (3)

**311. INTENSIVE CHINESE V.** Continuation of Chin 212 to develop proficiency in Chinese with cultural information about the Chinese-speaking world. Prerequisite: Chin 212. (5)

**312. INTENSIVE CHINESE VI.** Continuation of Chin 311 to develop proficiency in Chinese with cultural information about the Chinese-speaking world. Prerequisite: Chin 311. (5)

**315. CHINESE PRACTICUM II.** This course is a practicum in Chinese society and culture through the use of Chinese language in China. Prerequisite: Chin 312. (5)

**321. CHINESE CULTURE AND CIVILIZATION.** A study of the history of Chinese civilization and its impact on contemporary Chinese culture. Prerequisite: Chin 301. (3)

**331. INTRO TO CHINESE LIT & LITERARY ANALYSIS.** Study of literary movements, major writers, and intellectual and cultural ideas in Chinese literature and cultural history. Prerequisite: Chin 302. (3)

**361. CHINESE CINEMA.** Study of the evolution of Chinese cinema through selected films to explore the nature and development of contemporary Chinese aesthetics and culture. Prerequisite: Chin 302. (3)

**398. ADVANCED CHINESE STUDY ABOARD.** Emphasis on building Chinese proficiency and learning cultural information while studying abroad in a Chinese-speaking country. Prerequisite: Chin 202. (1-6)

**399. SPECIAL TOPICS IN CHINESE.** Topics vary. May be repeated once for credit, with permission of department. Prerequisite: Chin 302. (3)

**401. ADVANCED CHINESE I.** Advanced conversation, composition, reading, and grammar review. Prerequisite: Chin 302. (3)

**402. ADVANCED CHINESE II.** Advanced conversation, composition, reading, and grammar review. Prerequisite: Chin 401. (3)

**411. MEDIA CHINESE I.** Students will study a variety of news reports in the areas of international, domestic, economic, and cultural news from Chinese media. The course develops students' ability to comprehend and represent the news reports to others. Prerequisite: Chin 312, Chin 315. (3)

**412. ACADEMIC CHINESE I.** This course will develop students' academic Chinese ability through the study of sophisticated writings by Chinese intellectuals on social, cultural, political, and economic issues. (3)

**413. MEDIA CHINESE II.** Students will study a Chinese movie and a variety of news reports in the areas of international, domestic, economic, and cultural news from Chinese media. The course develops students' ability to comprehend and represent the movie and news reports to others. Prerequisite: Chin 312, Chin 315. (5)

**414. ACADEMIC CHINESE II.** This course will develop students' academic Chinese ability through the study of sophisticated writings by Chinese intellectuals on social, cultural, political, and economic issues. Students will also work with a Chinese movie. (5)

**415. CHINESE PRACTICUM III.** Further strengthening of language proficiency and intercultural communication competence through the completion of a variety of learning projects while in China. Prerequisite: Chin 411, Chin 412. (5)

**511. CHINESE PHILOLOGY.** Chinese linguistics, literature, and classical readings. Prerequisite: Chin 412 or Chin 414. (3)

**512. CHINESE CULTURE & CIVILIZATION.** Chinese philosophy, history, economy, and government. Prerequisite: Chin 412 or Chin 414. (3)

**513. CHINESE FOR ADVANCED PROFICIENCY.** Students will engage in discussions on a variety of topics in concrete and abstract terms. Prerequisite: Chin 412 or Chin 414. (3)

## French-FR

**101. ELEMENTARY FRENCH I.** Introduction to the French language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the French-speaking world. Intended for students with fewer than two years of high school French. (3)

**102. ELEMENTARY FRENCH II.** Continuing introduction to the French language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the French-speaking world. Prerequisite: Fr 101. (3)

**111. INTENSIVE ELEMENTARY FRENCH.** French 101 and 102 in one semester. To develop proficiency in French, with cultural information about the French-speaking world. (6)

**121. ACCELERATED ELEMENTARY FRENCH.** Begins with a review of high school French and continues with the study of the language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the French-speaking world. (3)

**198. ELEMENTARY FRENCH STUDY ABROAD.** Emphasis on building French proficiency and learning cultural information while studying abroad in a French-speaking country. Prerequisite: consent of department chairperson required. (1-6)

**199. SPECIAL TOPICS IN FRENCH.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: consent of department chairperson required, Fr 102 or Fr 111 or Fr 121 or Fr 198. (1-6)

**201. INTERMEDIATE FRENCH I.** Development of proficiency in speaking, reading, writing, and understanding French with cultural and linguistic information about the French-speaking world. Prerequisite: Fr 102 or Fr 121. (3)

**202. SECOND YEAR FRENCH.** Emphasis on communication and culture. Prerequisite: Fr 201. (3)

**211. INTENSIVE INTERMEDIATE FRENCH.** French 201 and 202 in one semester. To develop continuing proficiency in French, with cultural information about the French-speaking world. Prerequisite: Fr 111. (6)

**298. INTERMEDIATE FRENCH STUDY ABROAD.** Emphasis on building French proficiency and learning cultural information while studying abroad in a French-speaking country. Prerequisite: Fr 102, consent of department chairperson required. (1-6)

**299. SPECIAL TOPICS IN FRENCH.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: Fr 202 or Fr 211 or Fr 298. (1-6)

**303. CONVERSATION & COMPOSITION I.** Development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite: Fr 202. (3)

**304. CONVERSATION & COMPOSITION II.** Continued development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite requirements for this course may also be satisfied by consent of the instructor. Prerequisite: Fr 303. (3)

**311. BUSINESS FRENCH.** Practical application of specialized vocabulary for letter writing, interviewing techniques, and other commercial applications of French. Prerequisite: Fr 304. (3)

**321. FRENCH CULTURE AND CIVILIZATION.** A survey of the development of French cultural life through significant historical, literary, and artistic works. Prerequisite: Fr 303. (3)

**322. CONTEMPORARY FRENCH CULTURE.** . Prerequisite: Fr 303. (3)

**323. LA CHANSON FRANCOPHONE.** A study of French-speaking cultures inside and outside of France as expressed through song. Prerequisite: Fr 304. (3)

**330. INTRODUCTION TO FRENCH LINGUISTICS.** Introduction to the linguistic terminology and scientific techniques used to study the sounds, vocabulary, phrase and sentence structures, history and social uses of the French language. (Same as Ling 331). Prerequisite: Fr 304. (3)

**331. INTRO TO LIT/LITERARY ANALYSIS IN FRENCH.** Reading strategies, methods of analysis, and techniques of exposition relying on selected short texts. Prerequisite: Fr 304. (3)

**361. FRENCH AND FRANCOPHONE CINEMA.** Survey of the major developments in French and Francophone cinema. Content varies. Prerequisite: Fr 304. (3)

**398. ADVANCED STUDY ABROAD.** Emphasis on building French proficiency and learning cultural information while studying abroad in a French-speaking country. Prerequisite: Fr 202. (1-9)

**399. SPECIAL TOPICS.** May be repeated once for credit. Prerequisite: Fr 304. (3)

- 571. ADVANCED GRAMMAR AND COMPOSITION.** Review and analysis of the more sophisticated grammatical structures of the French language. Prerequisite: Fr 304. (3)
- 572. FRENCH PHONETICS AND PHONOLOGY.** Introduction to the production of French sounds, using linguistic analysis and articulatory practice to improve pronunciation skills. (Same as Ling 552). Prerequisite: Fr 304. (3)
- 574. HISTORY OF THE FRENCH LANGUAGE.** Development of the phonological and grammatical systems of French from Latin to its modern dialects. (Same as Ling 554). Prerequisite: Fr 571. (3)
- 575. TOPICS IN APPLIED FRENCH LINGUISTICS.** May be repeated once for credit. (Same as Ling 555). Prerequisite: Fr 571. (3)
- 577. SURVEY OF FRENCH LITERATURE I.** A survey of the major texts and the development of literary genres prior to 1789. Prerequisite: Fr 331. (3)
- 578. SURVEY OF FRENCH LITERATURE II.** A survey of major texts and the development of literary genres after 1789. Prerequisite: Fr 331. (3)
- 582. MEDIEVAL AND RENAISSANCE FRENCH LIT.** Study of the works of representative authors of the 11th through the 16th centuries. Prerequisite: Fr 577. (3)
- 583. SEVENTEENTH-CENTURY FRENCH LITERATURE.** Study of the works of representative authors of the 17th century in France. Prerequisite: Fr 577. (3)
- 584. EIGHTEENTH-CENTURY FRENCH LITERATURE.** Study of the works of representative authors of the 18th century in France. Prerequisite: Fr 578. (3)
- 585. NINETEENTH-CENTURY FRENCH LITERATURE.** Study of the works of representative authors of the 19th century in France. Prerequisite: Fr 578. (3)
- 586. TWENTIETH-CENTURY FRENCH LITERATURE.** Study of the works of representative authors of the 20th century in France. Prerequisite: Fr 578. (3)
- 593. TOPICS IN CULTURAL STUDIES.** Content varies. Prerequisite: Fr 321, Fr 322. (3)
- 598. GRADUATE FRENCH STUDY ABROAD.** May be repeated once for credit. (1-9)
- 599. SPECIAL TOPICS.** May be repeated once for credit. (3)

## German-GERM

- 101. ELEMENTARY GERMAN I.** Introduction to the German language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the German-speaking world. Intended for students with fewer than two years of high school German. (3)
- 102. ELEMENTARY GERMAN II.** Continuing introduction to the German language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the German-speaking world. Prerequisite: Germ 101. (3)
- 111. INTENSIVE ELEMENTARY GERMAN.** German 101 and 102 in one semester. To develop proficiency in German, with cultural information about the German-speaking world. Prerequisite: instructor approval required, contact Department of Modern Languages to enroll. (6)
- 198. ELEMENTARY GERMAN STUDY ABROAD.** Emphasis on building German proficiency and learning cultural information while studying abroad in a German-speaking country. Prerequisite: consent of department chairperson required. (1-6)
- 199. SPECIAL TOPICS IN GERMAN.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: Germ 102 or Germ 111 or Germ 198. (1-6)
- 201. INTERMEDIATE GERMAN I.** Development of proficiency in speaking, reading, writing, and understanding German with cultural and linguistic information about the German-speaking world. Prerequisite: Germ 102. (3)
- 202. INTERMEDIATE GERMAN II.** Emphasis on communication and culture. Prerequisite: Germ 201. (3)
- 205. SCIENTIFIC GERMAN.** (3)
- 211. INTENSIVE INTERMEDIATE GERMAN.** German 201 and 202 in one semester. To develop continuing proficiency in German, with cultural information about the German-speaking world. Prerequisite: Germ 111, instructor approval required, contact Department of Modern Languages to enroll. (6)
- 298. INTERMEDIATE GERMAN STUDY ABROAD.** Emphasis on building German proficiency and learning cultural information while studying abroad in a German-speaking country. Prerequisite: Germ 102. (1-6)

- 299. SPECIAL TOPICS IN GERMAN.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: Germ 202 or Germ 211 or Germ 298. (1-6)
- 303. CONVERSATION AND COMPOSITION I.** Development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite: Germ 202. (3)
- 304. CONVERSATION AND COMPOSITION II.** Continued development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. (Same as Ling 332). Prerequisite: Germ 303. (3)
- 311. BUSINESS GERMAN.** Practical application of specialized vocabulary for letter writing, interviewing techniques, and other applications of German. Prerequisite: Germ 304. (3)
- 321. GERMAN CULTURE AND CIVILIZATION.** A survey of the development of German cultural life through significant literary, artistic, and scientific works. Prerequisite: Germ 303. (3)
- 330. INTRODUCTION TO GERMAN LINGUISTICS.** Introduction to the linguistic terminology and scientific techniques used to study the sounds, vocabulary, phrase and sentence structures, history and social uses of the German language. Prerequisite: Germ 304. (3)
- 331. INTRO TO LIT /LITERARY ANALYSIS IN GERM.** Introduction to scholarly resources and interpretive skills used in the analysis of texts and images. Prerequisite: Germ 304. (3)
- 361. GERMAN CINEMA.** Topic or genre-oriented course about German film. Prerequisite: Germ 304. (3)
- 398. ADVANCED GERMAN STUDY ABROAD.** Emphasis on building German proficiency and learning cultural information while studying abroad in a German-speaking country. Prerequisite: Germ 202. (1-9)
- 399. SPECIAL TOPICS IN GERMAN.** Topics vary. May be repeated once for credit, with permission of department. Prerequisite: Germ 304. (3)
- 431. GERMAN STUDIES.** (1-3)
- 432. GERMAN STUDIES.** (1-3)
- 529. CONTEMPORARY GERMAN.** (3)
- 546. INTENSIVE ADVANCED GERMAN IN GERMANY.** Intensive advanced undergraduate/graduate German language instruction in Germany. (3)
- 571. ADVANCED GRAMMAR AND COMPOSITION.** Review of the finer points in grammar, style, and diction. Developing linguistic skills to appreciate literary language, read scholarly prose, and analyze texts. Prerequisite: Germ 304. (3)
- 572. GERMAN PHONETICS AND PHONOLOGY.** Introduction to the production of German sounds, using linguistic analysis and articulatory practice to improve pronunciation skills. (Same as Ling 562). Prerequisite: Germ 304. (3)
- 574. HISTORY OF THE GERMAN LANGUAGE.** Introduction to German philology and linguistics. Examination of origins and development of standard German and regional dialects from the Middle Ages to the present. (Same as Ling 564). Prerequisite: Germ 572. (3)
- 575. TOPICS IN APPLIED LINGUISTICS.** May be repeated once for credit. (Same as Ling 565). Prerequisite: Germ 571. (3)
- 577. SURVEY OF GERMAN LIT. & CULTURE I.** Introduction to the history of German literature and culture from the Middle Ages to the Age of Goethe. Prerequisite: Germ 331. (3)
- 578. SURVEY OF GERMAN LIT. & CULTURE II.** Introduction to the history of German literature and culture from the Age of Goethe to the present. Prerequisite: Germ 331. (3)
- 584. THE AGE OF GOETHE.** Discussion of influential and representative works from the Sturm und Drang period, German Classicism, and Romanticism in theoretical writings, poetry, drama, novella, art, architecture, and music. Prerequisite: Germ 577. (3)
- 585. NINETEENTH-CENTURY GERMAN LITERATURE.** Acquaintance with cultural intellectual debates in Germany through in-depth discussion of 19th-century authors, literary works, art, and music. Prerequisite: Germ 578. (3)
- 586. TWENTIETH-CENTURY LITERATURE & CULTURE.** Acquaintance with contemporary culture and intellectual debates in Germany through in-depth discussion of 20th century authors, literary works, art, film, design, and music. Prerequisite: Germ 578. (3)
- 587. GERMAN FAIRY TALES.** Readings of classic 19th-century German fairy tales such as from the collection of the Brothers Grimm and discussion of how these tales have captured the popular imagination of many cultures over the years. (3)
- 593. TOPICS IN CULTURAL STUDIES.** Analysis of social, cultural, and political phenomena, inquiry into philosophical and theoretical issues, and/or study of influential ideas in German

literature and culture. Content varies. May be repeated once for credit. Prerequisite: Germ 321, 9 hours of German courses at the 300 level or above. (3)

**598. GRADUATE STUDY ABROAD.** (1-9)

**599. SPECIAL TOPICS.** May be repeated once for credit. (3)

## **Intensive English-IE**

**011. BEGINNING SPEAKING AND LISTENING.** Introduction to basic conversation skills in English. (3)

**012. BEGINNING READING.** Introduction to basic reading skills in English. (3)

**013. BEGINNING WRITING.** Introduction to basic writing skills in English. (3)

**014. BEGINNING GRAMMAR.** Introduction to the structure of English. (3)

**015. BEGINNING SPEAKING AND LISTENING II.** Basic conversation skills in English continued. (3)

**016. BEGINNING READING II.** Basic reading skills in English continued. (3)

**017. BEGINNING WRITING II.** Basic writing skills in English continued. (3)

**018. BEGINNING GRAMMAR II.** Introduction to the structure of English continued. (3)

**021. INTERMEDIATE SPEAKING AND LISTENING.** Development in proficiency in speaking and listening in English. Prerequisite: IE 011. (3)

**022. INTERMEDIATE READING.** Development in proficiency in reading in English. Prerequisite: IE 012. (3)

**023. INTERMEDIATE WRITING.** Development in proficiency in writing in English. Prerequisite: IE 013. (3)

**024. INTERMEDIATE GRAMMAR.** Further exploration of the structure of English. Prerequisite: IE 014. (3)

**025. HIGH INTERMEDIATE SPEAKING AND LISTENING.** Emphasis on accurate and fluent communication in English. Prerequisite: IE 021. (3)

**026. HIGH INTERMEDIATE READING.** Reading of higher-level text types. Prerequisite: IE 022. (3)

**027. HIGH INTERMEDIATE WRITING.** Writing of higher-level text types. Prerequisite: IE 023. (3)

**028. HIGH INTERMEDIATE GRAMMAR.** Study of select grammatical structures. Prerequisite: IE 024. (3)

**031. ADVANCED SPEAKING AND LISTENING.** Development of linguistic skills to discuss abstract concepts and participate in college-level courses. Prerequisite: IE 025. (3)

**032. ADVANCED READING.** Development of linguistic skills to read English literature and scholarly prose. Prerequisite: IE 026. (3)

**033. ADVANCED WRITING.** Development of linguistic skills to write in English across a variety of genres. Prerequisite: IE 027. (3)

**034. ADVANCED GRAMMAR.** Review of the finer points of English grammar. Prerequisite: IE 028. (3)

**035. TEST PREPARATION.** Strategies for taking standardized tests such as the TOEFL, ACT, SAT, GRE, etc. May be repeated once for credit. Prerequisite: IE 024, IE 022, IE 021, IE 023. (3)

**036. ENGLISH FOR ACADEMIC PURPOSES.** Introduction to communicative practices in American universities for international students, faculty and visiting scholars. May be repeated once for credit. Prerequisite: IE 033. (3)

**037. ENGLISH IN THE SCIENCES.** English communicative practices in the sciences and social sciences. May be repeated for credit. Prerequisite: IE 033. (3)

**038. BUSINESS ENGLISH.** English communicative practices for international business. May be repeated for credit. Prerequisite: IE 033. (3)

**039. LITERATURE WRITTEN IN ENGLISH.** Topics vary. May be repeated for credit. Prerequisite: IE 032. (3)

**040. AMERICAN CULTURE.** Introduction to American culture. (3)

**041. INTERCULTURAL COMMUNICATION.** Conversation practice with expert speakers of English. (3)

**042. AMERICAN CULTURE II.** Introduction to American culture for intermediate students. (3)

**043. INTERCULTURAL COMMUNICATION II.** Conversation practice between intermediate students and expert speakers of English. (3)

**044. TOPICS IN ESL.** Topics vary. May be repeated once for credit. (3)

**050. TOPICS IN AMERICAN CULTURE.** Topics vary. May be repeated once for credit. Prerequisite: IE 040. (3)

**051. TOPICS IN INTERCULTURAL COMMUNICATION.** Topics vary. May be repeated once for credit. Prerequisite: IE 041. (3)

**052. CROSS CULTURAL AWARENESS.** Focus on cultural differences in communicative practices. May be repeated once for credit. (3)

**053. SPEAKING ACCURATELY AND CLEARLY.** Focus on vocabulary development and pronunciation. May be repeated once for credit. (3)

**098. INDEPENDENT STUDY IN ESL.** Student-directed instruction in English as a second language. May be repeated for credit for a maximum of 6 hours. (1-6)

**099. INDEPENDENT STUDY IN ICC.** Student-directed instruction in intercultural communication. May be repeated for credit for a maximum of 6 hours. (1-6)

## Italian-ITAL

**101. ELEMENTARY ITALIAN I.** Introduction to the Italian language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the Italian-speaking world. Intended for students with fewer than two years of high school Italian. (3)

**102. ELEMENTARY ITALIAN II.** Continuing introduction to the Italian language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the Italian-speaking world. Prerequisite: Ital 101. (3)

**198. ELEMENTARY ITALIAN STUDY ABROAD.** Emphasis on building Italian proficiency and learning cultural information while studying abroad in an Italian-speaking country. Prerequisite: consent of department chairperson required. (1-6)

**199. SPECIAL TOPICS IN ITALIAN.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: Ital 102 or Ital 198. (1-6)

**201. INTERMEDIATE ITALIAN I.** Development of proficiency in speaking, reading, writing, and understanding Italian with cultural and linguistic information about the Italian-speaking world. Prerequisite: Ital 102. (3)

**202. INTERMEDIATE ITALIAN II.** Emphasis on communication and culture. Prerequisite: Ital 201. (3)

**298. INTERMEDIATE ITALIAN STUDY ABROAD.** Emphasis on building Italian proficiency and learning cultural information while studying abroad in an Italian-speaking country. Prerequisite: Ital 102, consent of department chairperson required. (1-6)

**299. SPECIAL TOPICS IN ITALIAN.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: Ital 202 or Ital 298. (1-6)

**301. CONVERSATION AND COMPOSITION I.** Development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite: Ital 202. (3)

**302. CONVERSATION AND COMPOSITION II.** Continued development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite: Ital 301. (3)

**321. ITALIAN CULTURE AND CIVILIZATION.** Study of the history of Italian civilization and its impact on contemporary culture. Prerequisite: Ital 301. (3)

**331. INTRO TO ITALIAN LIT & LITERARY ANALYSIS.** Study of literary movements, major writers and intellectual and cultural ideas in Italian literature and cultural history. Prerequisite: Ital 302. (3)

**361. ITALIAN CINEMA.** Study of the evolution of Italian cinema through selected films to explore the nature and development of contemporary Italian aesthetics and culture. Prerequisite: Ital 302. (3)

**398. ADVANCED ITALIAN STUDY ABROAD.** Emphasis on building Italian proficiency and learning cultural information while studying abroad in an Italian-speaking country. Prerequisite: Ital 202, consent of department chairperson required. (1-6)

**399. SPECIAL TOPICS IN ITALIAN.** Topics vary. May be repeated once for credit, with permission of department. Prerequisite: Ital 302. (3)

## Japanese-JAPN

**101. ELEMENTARY JAPANESE I.** Introduction to the Japanese language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the



Japanese-speaking world. Intended for students with fewer than two years of high school Japanese. Corequisite: Japn 103. (3)

**102. ELEMENTARY JAPANESE II.** Continuing introduction to the Japanese language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the Japanese-speaking world. Corequisite: Japn 104. Prerequisite: Japn 101, Japn 103. (3)

**103. PRACTICAL REVIEW OF ELEM JAPANESE I.** Sociocultural and linguistic information to accompany Japanese 101. Corequisite: Japn 101. (1)

**104. PRACTICAL REVIEW OF ELEM JAPANESE II.** Additional sociocultural and linguistic information to accompany Japanese 102. Corequisite: Japn 102. Prerequisite: Japn 101, Japn 103. (1)

**111. INTENSIVE ELEMENTARY JAPANESE.** Japanese 101 and 102 in one semester. To develop proficiency in Japanese with cultural information about the Japanese-speaking world. Prerequisite: instructor approval required. (6)

**198. ELEMENTARY JAPANESE STUDY ABROAD.** Emphasis on building Japanese proficiency and learning cultural information while studying abroad in a Japanese-speaking country. Prerequisite: consent of department chairperson required. (1-6)

**199. SPECIAL TOPICS IN JAPANESE.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: (Japn 102 and Japn 104) OR (Japn 198). (1-6)

**201. INTERMEDIATE JAPANESE I.** Development of proficiency in speaking, reading, writing, and understanding Japanese with cultural and linguistic information about the Japanese-speaking world. Corequisite: Japn 203. Prerequisite: Japn 102, Japn 104. (3)

**202. INTERMEDIATE JAPANESE II.** Emphasis on communication and culture. Corequisite: Japn 204. Prerequisite: Japn 201, Japn 203, Japanese 201 & 203 and 202 & 204 must be taken the same semester. (3)

**203. PRACTICAL REVIEW: INTERMED JAPANESE I.** Sociocultural and linguistic information to accompany Japanese 201. Corequisite: Japn 201. Prerequisite: Japn 102, Japn 104. (1)

**204. PRACTICAL REVIEW: INTERMED JAPANESE II.** Additional sociocultural and linguistic information to accompany Japanese 202. Corequisite: Japn 201, Japn 203. (1)

**211. INTENSIVE INTERMEDIATE JAPANESE.** To develop continuing proficiency in Japanese with cultural information about the Japanese-speaking world. Prerequisite: Japn 111. (6)

**298. INTERMEDIATE JAPANESE STUDY ABROAD.** Emphasis on building Japanese proficiency and learning cultural information while studying abroad in a Japanese-speaking country. Prerequisite: Japn 102, Japn 104, consent of department chairperson required. (1-6)

**299. SPECIAL TOPICS IN JAPANESE.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: (Japn 202 and Japn 204) OR (Japn 298). (1-6)

**301. CONVERSATION AND COMPOSITION I.** Development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite: Japn 202, Japn 204. (3)

**302. CONVERSATION AND COMPOSITION II.** Continued development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite: Japn 301. (3)

**310. SPECIAL TOPICS IN JAPANESE.** . (3)

**398. ADVANCED JAPANESE STUDY ABROAD.** Emphasis on building Japanese proficiency and learning cultural information while studying abroad in a Japanese-speaking country. Prerequisite: Japn 202, Japn 204. (1-6)

**399. SPECIAL TOPICS IN JAPANESE.** Topics vary. May be repeated once for credit. Prerequisite: Japn 302. (3)

**401. ADVANCED JAPANESE I.** Advanced conversation, composition, reading, and grammar review. Prerequisite: Japn 302. (3)

**402. ADVANCED JAPANESE II.** Advanced conversation, composition, reading, and grammar review. Prerequisite: Japn 401. (3)

## Linguistics-LING

**103. LOGIC: CRITICAL THINKING.** (Same as Phil 103). (3)

**205. ANAT & PHYS OF THE SPEECH & HEARING MECH.** (Same as CSD 205). (3)

- 211. INTRODUCTION TO PHONOLOGY.** (Same as CSD 211). (3)
- 216. NORMAL DEVELOPMENT OF COMMUNICATION.** (Same as CSD 216). (3)
- 313. INTRODUCTION TO LINGUISTIC SCIENCE.** The study of human language. (Same as Engl 313, Anth 313). (3)
- 314. PHONOLOGY.** Human speech sounds and the sound systems of languages. (Same as Engl 314). Prerequisite: Ling 313, Anth 313 or Ling 313. (3)
- 315. MORPHOLOGY.** Linguistic units of lexical meaning and grammatical and derivational functions. (Same as Engl 315). Prerequisite: Ling 313. (3)
- 316. SYNTAX.** Words interacting in larger units such as the sentence, as well as a survey of syntactic models. (Same as Engl 316). Prerequisite: Ling 313. (3)
- 319. SYMBOLIC LOGIC.** A comprehensive survey of deductive symbolic logic. Topics covered include propositional logic, quantification logic, and modal logic. (Same as Phil 319). (3)
- 320. SOCIOLINGUISTICS.** Survey of language variation; quantitative and qualitative methodologies; societal norms for language behavior and attitudes toward speech. (Same as Engl 355). (3)
- 331. INTRODUCTION TO FRENCH LINGUISTICS.** Introduction to the linguistic terminology and scientific techniques used to study the sounds, vocabulary, phrase and sentence structures, history and social uses of the French language. (Same as Fr 330). Prerequisite: Fr 304. (3)
- 332. INTRODUCTION TO GERMAN LINGUISTICS.** Introduction to the linguistic terminology and scientific techniques used to study the sounds, vocabulary, phrase and sentence structures, history and social uses of the German language. (Same as Germ 304). Prerequisite: Germ 304. (3)
- 335. SEMANTICS.** Meaning of the linguistic form at its various levels. (Same as Engl 506). (3)
- 350. STRUCTURE OF A LESS COMMONLY TAUGHT LANG.** Structural analysis of a less commonly taught language or group of languages. Prerequisite: consent of department chairperson required. (3)
- 353. LANGUAGE AND CULTURE.** (Same as Anth 353). (3)
- 359. MANUAL COMMUNICATION.** (Same as CSD 359). (3)
- 401. ADVANCED ENGLISH GRAMMAR.** (Same as Engl 401). (3)
- 415. APPROACHES TO DISCOURSE.** Theories of discourse and discourse analysis, including methodologies for the study of language texts. (Same as Engl 415). (3)
- 430. PRAGMATICS.** The study of language in context including speech acts, conversational structure, implicature, presupposition, and politeness. (Same as Engl 430). (3)
- 435. DIALECTS OF AMERICAN ENGLISH.** An investigation of the formation of and variation within American English dialects. (Same as Engl 434). Prerequisite: Ling 313. (3)
- 437. LANGUAGE VARIATION.** Study of the development of current ideas about language variation. (3)
- 438. LANGUAGE AND GENDER.** (Same as G St 438). (3)
- 448. FORENSIC LINGUISTICS.** Forensic Linguistics will examine the complex relationship between language and the law through a multidisciplinary investigation of spoken and written texts as they relate to criminal or civil disputes. Course content will be composed of three basic categories: spoken texts, written texts, and legal issues involving language. (3)
- 499. RESEARCH THESIS.** (3)
- 501. DESCRIPTIVE GRAMMAR.** (Same as Engl 501). (3)
- 502. HISTORICAL LINGUISTICS.** (Same as Engl 502). Prerequisite: two of the following courses: Engl 221, 222, 223, 224, 225, or 226. (3)
- 503. HISTORY OF THE ENGLISH LANGUAGE.** (Same as Engl 505). (3)
- 505. NEUROPHYSIOLOGY OF COMMUNICATION.** (Same as CSD 505). (3)
- 513. SPEECH SCIENCE.** (Same as CSD 513). (3)
- 519. PHILOSOPHY OF LANGUAGE.** (Same as Phil 519). (3)
- 540. SPECIAL TOPICS IN LINGUISTICS.** (Same as MIII 541). (3)
- 541. ADV STUDY OF NORMAL LANGUAGE DEVELOPMENT.** (Same as CSD 541). (3)
- 552. PHONETICS AND PHONOLOGY OF FRENCH.** (Same as Fr 572). (3)
- 554. HISTORY OF FRENCH.** (Same as Fr 574). (3)
- 555. TOPICS IN APPLIED FRENCH LINGUISTICS.** (Same as Fr 575). (3)
- 562. PHONETICS AND PHONOLOGY OF GERMAN.** (Same as Germ 572). (3)
- 564. HISTORY OF GERMAN.** (Same as Germ 574). (3)
- 565. TOPICS IN APPLIED GERMAN LINGUISTICS.** (Same as Germ 575). (3)

572. **PHONETICS AND PHONOLOGY OF SPANISH.** (Same as Span 572). (3)  
 573. **MORPHOLOGY AND SYNTAX OF SPANISH.** (Same as Span 573). (3)  
 574. **HISTORY OF SPANISH.** (Same as Span 574). (3)  
 575. **TOPICS IN APPLIED SPANISH LINGUISTICS.** (Same as Span 575). (3)  
 592. **MODERN ENGLISH GRAMMAR.** Advanced treatment of syntactic structures with special attention to current interpretations; emphasis on morphology and generative transformational theories of syntax. (Same as Engl 592). (3)  
 595. **SEMINAR IN LINGUISTICS.** (Same as Anth 595). (3)

## Modern Languages, Literature, and Linguistics-MLLL

302. **CHINA THROUGH LITERATURE AND FILM.** Critical examination of modern Chinese culture through analysis of 20th century Chinese literature (in English translation) and films (with English subtitles). (3)  
 346. **BRAZILIAN LITERARY WORKS & CULTURAL DOC.** Readings from Brazilian literature, and cultural and intellectual history in translation. (3)  
 348. **GERM LIT WORKS & CULTURAL DOC IN TRANS.** Readings from German literature, cultural and intellectual history in English translation. (3)  
 350. **STRUCTURE OF A LESS COMMONLY TAUGHT LANG.** (3)  
 352. **WOMEN WRITERS OF THE AMERICAS.** Study of the development of feminist thought in the Americas through translations of works by women writers from North, Central, and South America, and the Caribbean. (Same as G St 352). (3)  
 354. **POWER, KNOWLEDGE, AND GENDER: COMPARATIVE.** Critical, interdisciplinary examination of identity as related to sex, race, and class and as imbricated in knowledge and power, through a study of literary, cultural, and intellectual history. Taught in English. (Same as G St 354). (3)  
 361. **INTRODUCTION TO WORLD CINEMA.** Study of world cultures through film. All films are subtitled in English. Seminar discussion with weekly screenings of films. Specific offerings may concentrate on a county, language, style, region, or movement. (3)  
 376. **RENAISSANCE AND EARLY MODERN STUDIES.** Interdisciplinary approach to this era in European history through a study of its literature, religion, economic conditions, artistic and scientific achievements, as well as its politics, geographical exploration, colonization, and slave trade. Required of all Renaissance and Early Modern Studies minors but open to all students. (Same as Engl 376). (3)  
 399. **SPECIAL TOPICS.** May be repeated once for credit. (3)  
 541. **SPECIAL TOPICS IN LINGUISTICS.** Advanced course dealing with special topics in phonology, morphology, and syntax. Recommended for graduate students interested in linguistics or language pedagogy. May be repeated for a total of 9 credit hours as long as content varies. (Same as Ling 540). (3)  
 599. **SPECIAL TOPICS.** Special topics. May be repeated once for credit. (3)

## Portuguese-PORT

101. **ELEMENTARY PORTUGUESE I.** Introduction to the Portuguese language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the Portuguese-speaking world. Intended for students with fewer than two years of high school Portuguese. (3)  
 102. **ELEMENTARY PORTUGUESE II.** Continuing introduction to the Portuguese language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the Portuguese-speaking world. Prerequisite: Port 101. (3)  
 198. **ELEMENTARY PORTUGUESE STUDY ABROAD.** Emphasis on building Portuguese proficiency and learning cultural information while studying abroad in a Portuguese-speaking country. Prerequisite: consent of department chairperson required. (1-6)  
 199. **SPECIAL TOPICS IN PORTUGUESE.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: Port 102 or Port 198. (1-6)  
 201. **INTERMEDIATE PORTUGUESE I.** Development of proficiency in speaking, reading, writing, and understanding Portuguese with cultural and linguistic information about the Portuguese-speaking world. Prerequisite: Port 102. (3)

**202. INTERMEDIATE PORTUGUESE II.** Emphasis on communication and culture. Prerequisite: Port 201. (3)

**298. INTERMEDIATE PORTUGUESE STUDY ABROAD.** Emphasis on building Portuguese proficiency and learning cultural information while studying abroad in a Portuguese-speaking country. Prerequisite: Port 102, consent of department chairperson required. (1-6)

**299. SPECIAL TOPICS.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: consent of department chairperson required, Port 202 or Port 298. (1-6)

**301. CONVERSATION AND COMPOSITION I.** Development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite: Port 202. (3)

**302. CONVERSATION AND COMPOSITION II.** Continued development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite: Port 301. (3)

**321. BRAZILIAN CULTURE & CIVILIZATION.** Study of Luso-Brazilian cultural history and its impact on contemporary Brazilian culture. Prerequisite: Port 301. (3)

**331. INTRO BRAZILIAN LIT & LITERARY ANALYSIS.** Study of literary movements, major writers, and intellectual and cultural ideas in Brazilian literature. Prerequisite: Port 302. (3)

**361. BRAZILIAN CINEMA.** Study of the evolution of Brazilian cinema through selected films to explore the nature and development of contemporary Brazilian aesthetics and culture. Prerequisite: Port 302. (3)

**398. ADVANCED PORTUGUESE STUDY ABROAD.** Emphasis on building Portuguese proficiency and learning cultural information while studying abroad in a Portuguese-speaking country. Prerequisite: Port 202. (1-6)

**399. SPECIAL TOPICS IN PORTUGUESE.** Topics vary. May be repeated once for credit with permission of department. Prerequisite: Port 302. (3)

## Russian-RUSS

**101. ELEMENTARY RUSSIAN I.** Introduction to the Russian language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the Russian-speaking world. Intended for students with fewer than two years of high school Russian. (3)

**102. ELEMENTARY RUSSIAN II.** Continuing introduction to the Russian language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the Russian-speaking world. Prerequisite: Russ 101. (3)

**111. INTENSIVE ELEMENTARY RUSSIAN.** Russian 101 and 102 in one semester. To develop proficiency in Russian with cultural information about the Russian-speaking world. Prerequisite: instructor approval required. (6)

**198. ELEMENTARY RUSSIAN STUDY ABROAD.** Emphasis on building Russian proficiency and learning cultural information while studying abroad in a Russian-speaking country. Prerequisite: consent of department chairperson required. (1-6)

**199. SPECIAL TOPICS IN RUSSIAN.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: Russ 102 or Russ 198. (1-6)

**201. INTERMEDIATE RUSSIAN I.** Development of proficiency in speaking, reading, writing, and understanding Russian with cultural and linguistic information about the Russian-speaking world. Prerequisite: Russ 102. (3)

**202. INTERMEDIATE RUSSIAN II.** Emphasis on communication and culture. Prerequisite: Russ 201. (3)

**211. INTENSIVE ELEMENTARY RUSSIAN.** To develop continuing proficiency in Russian with cultural information about the Russian-speaking world. Prerequisite: Russ 111. (6)

**298. INTERMEDIATE RUSSIAN STUDY ABROAD.** Emphasis on building Russian proficiency and learning cultural information while studying abroad in a Russian-speaking country. Prerequisite: Russ 102. (1-6)

**299. SPECIAL TOPICS IN RUSSIAN.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: Russ 202 or Russ 298. (1-6)

**301. CONVERSATION AND COMPOSITION I.** Development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite: Russ 202. (3)

**302. CONVERSATION AND COMPOSITION II.** Continued development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite: Russ 301. (3)

**310. RUSSIAN SPECIAL TOPICS.** (3)

**321. RUSSIAN CULTURE & CIVILIZATION.** Study of the history of Russian civilization and its impact on contemporary Russian culture. Prerequisite: Russ 301. (3)

**331. INTRO TO RUSSIAN LIT & LITERARY ANALYSIS.** Study of literary movements, major writers, and intellectual and cultural ideas in Russian literature and cultural history. Prerequisite: Russ 302. (3)

**361. RUSSIAN CINEMA.** Study of the evolution of Russian cinema through selected films to explore the nature and development of contemporary Russian aesthetics and culture. Prerequisite: Russ 302. (3)

**398. ADVANCED RUSSIAN STUDY ABROAD.** Emphasis on building Russian proficiency and learning cultural information while studying abroad in a Russian-speaking country. Prerequisite: Russ 202, consent of department chairperson required. (1-6)

**399. SPECIAL TOPICS IN RUSSIAN.** Topics vary. May be repeated once for credit, with permission of department. Prerequisite: Russ 302. (3)

**401. ADVANCED RUSSIAN I.** Advanced conversation, composition, reading, and grammar review. Prerequisite: Russ 302. (3)

**402. ADVANCED RUSSIAN II.** Advanced conversation, composition, reading, and grammar review. Prerequisite: Russ 401. (3)

**411. POLITICAL RUSSIAN.** This course develops all four basic language skills through the use of authentic materials (articles on politics, interviews, newspapers, radio and TV reports). Prerequisite: Russ 302. (3)

## Spanish-SPAN

**101. ELEMENTARY SPANISH I.** Introduction to the Spanish language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the Spanish-speaking world. Intended for students with fewer than two years of high school Spanish. Prerequisite: Must have less than two years' high school instruction or will be dropped. (3)

**102. ELEMENTARY SPANISH II.** Continuing introduction to the Spanish language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the Spanish-speaking world. Prerequisite: Span 101. (3)

**111. INTENSIVE ELEMENTARY SPANISH.** Spanish 101 and 102 in one semester. To develop proficiency in Spanish, with cultural information about the Spanish-speaking world. Prerequisite: instructor approval required, contact Department of Modern Languages to enroll. (6)

**121. ACCELERATED ELEMENTARY SPANISH.** Begins with a review of high school Spanish and continues with the study of the language, including reading, writing, and conversational skills for basic communication; cultural and linguistic information about the Spanish-speaking world. Prerequisite: must have two years or more high school instruction or will be dropped. (3)

**198. ELEMENTARY SPANISH STUDY ABROAD.** Emphasis on building Spanish proficiency and learning cultural information while studying abroad in a Spanish-speaking country. Prerequisite: consent of department chairperson required. (1-6)

**199. SPECIAL TOPICS IN SPANISH.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: Span 102 or Span 111 or Span 121 or Span 198. (1-6)

**201. INTERMEDIATE SPANISH I.** Development of proficiency in speaking, reading, writing, and understanding Spanish with cultural and linguistic information about the Spanish-speaking world. Prerequisite: Span 102 or Span 121. (3)

**202. INTERMEDIATE SPANISH II.** Emphasis on communication and culture. Prerequisite: Span 201. (3)

**211. INTENSIVE INTERMEDIATE SPANISH.** Spanish 201 and 202 in one semester. To develop continuing proficiency in Spanish, with cultural information about the Spanish-speaking world. Prerequisite: Span 111, contact Department of Modern Languages to enroll. (6)

**298. INTERMEDIATE SPANISH STUDY ABROAD.** Emphasis on building Spanish proficiency and learning cultural information while studying abroad in a Spanish-speaking country. Prerequisite: Span 102. (1-6)

**299. SPECIAL TOPICS IN SPANISH.** Topics may vary. May be repeated once for credit. May not be used to fulfill foreign language requirement. Prerequisite: Span 202 or Span 211 or Span 298. (1-6)

- 303. CONVERSATION AND COMPOSITION I.** Development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite: Span 202. (3)
- 304. CONVERSATION AND COMPOSITION II.** Continued development of speaking and writing skills, including creative expression, work with higher-level text types, and the study of selected grammatical structures. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Span 303. (3)
- 305. INTENSIVE CONVERSATION AND COMPOSITION.** Spanish 303 and 304 in one semester. Students will not receive credit for Span 305 and Span 303 or 304. Recommended for minors and majors. Prerequisite: Span 202 or Span 211. (6)
- 311. BUSINESS SPANISH.** Practical application of specialized vocabulary for letter writing, interviewing techniques, and other commercial applications of Spanish. Prerequisite: Span 304. (3)
- 321. SPANISH CULTURE AND CIVILIZATION.** A survey of the development of the cultural life of Spain through significant historical, literary, artistic, and scientific works. Prerequisite: Span 303. (3)
- 322. SPANISH AMERICAN CULTURE/CIVILIZATION.** A survey of the development of the cultural life of Spanish America through significant historical, literary, artistic, and scientific works. Prerequisite: Span 303. (3)
- 330. INTRODUCTION TO SPANISH LINGUISTICS.** Introduction to the linguistic terminology and scientific techniques used to study the sounds, vocabulary, phrase and sentence structures, history and social uses of the Spanish language. (Same as Ling 330). Prerequisite: Span 304. (3)
- 331. INTRO TO LIT AND LITERARY ANALYSIS.** An introduction to terminology and techniques of literary analysis through narrative, poetry, and drama by Spanish and Spanish-American writers. Prerequisite: Span 304. (3)
- 341. SPANISH IN THE U.S.** The language, culture, and oral and written traditions of large groups and small enclaves of Spanish speakers in the United States, discussing issues of language use, identity, and attitudes. Prerequisite: Span 304. (3)
- 351. TOPICS IN LATIN AMERICAN STUDIES.** A course designed for specific topics of narrower interest in Latin American studies field, to be offered on the basis of available personnel, the specific topic to be determined by the professor and student interest. (This course may not be used to fulfill the language requirement). (Same as G St 351). (3)
- 361. CINEMA IN SPANISH.** An analysis of films from Spain and/or Spanish America within their social, political, and historical contexts. Prerequisite: Span 304. (3)
- 396. INTENSIVE SPANISH GRAMMAR REVIEW.** Intensive analysis and review of grammatical structures. Content varies. May be repeated twice for credit for a maximum of 3 credit hours. Prerequisite: Span 202, Span 211. (1)
- 397. CONVERSATION FOR UPPER-LEVEL SPANISH.** Enhancement of receptive and productive skills through upper-level oral exercises and examination of authentic language, in order to converse in everyday contexts. May be repeated twice for credit. Prerequisite: Span 202 or Span 211. (1)
- 398. ADVANCED SPANISH STUDY ABROAD.** Emphasis on building Spanish proficiency and learning cultural information while studying abroad in a Spanish-speaking country. Prerequisite: Span 202. (1-6)
- 399. SPECIAL TOPICS IN SPANISH.** Topics vary. May be repeated once for credit, with permission of department. Prerequisite: Span 304. (3)
- 529. CONTEMPORARY SPANISH.** (3)
- 561. ADVANCED TOPICS IN CINEMA IN SPANISH.** Advanced study of topics related to films made in Spanish from Spain or Spanish America. The topics may be in culture, esthetics, language use, the history of film, cinema production, or other areas. Prerequisite: Span 321, Span 322, Span 331. (3)
- 565. SPANISH AMERICAN WOMEN WRITERS.** Poetry, drama, and narrative written by Spanish American women with particular attention to the themes, theories, and questions surrounding gender and *escritura femenina*. (3)
- 571. ADVANCED GRAMMAR & COMPOSITION.** Review and analysis of more sophisticated grammatical structures of the Spanish language. Prerequisite: Span 304. (3)
- 572. SPANISH PHONETICS & PHONOLOGY.** Introduction to the production of Spanish sounds, using linguistic analysis and articulatory practice to improve pronunciation skills. (Same as Ling 572). (3)
- 573. SPANISH MORPHOLOGY AND SYNTAX.** Analysis of the Spanish morphemic system and its organization into syntactic structures. (Same as Ling 573). Prerequisite: Span 304. (3)

**574. THE HISTORY OF SPANISH LANGUAGE.** Development of the phonological and grammatical systems of Spanish from Latin to its modern dialects. (Same as Ling 574). Prerequisite: Span 572. (3)

**575. TOPICS IN APPLIED SPANISH LINGUISTICS.** Content varies. May be repeated once for credit. (Same as Ling 575). Prerequisite: Span 571. (3)

**577. SURVEY OF SPANISH LITERATURE I.** A study of the most representative writers of the Spanish Peninsula from the Epic through 1700. Prerequisite requirements for this course may also be satisfied by equivalent course work as approved by the department. Prerequisite: Span 331. (3)

**578. SURVEY OF SPANISH LITERATURE II.** A study of the most representative writers of the Spanish Peninsula from 1701 to the present day. Prerequisite requirements for this course may also be satisfied by equivalent course work as approved by the department. Prerequisite: Span 331. (3)

**579. SURVEY OF SPANISH AMERICAN LITERATURE I.** A survey of the canonical texts and movements of Spanish American literature from colonial times to modernism. Prerequisite requirements for this course may also be satisfied by equivalent course work as approved by the department. Prerequisite: Span 331. (3)

**580. SURVEY OF SPANISH AMERICAN LITERATURE II.** A survey of the canonical texts and movements of Spanish American literature and culture from modernismo through the end of the 20th century. Prerequisite requirements for this course may also be satisfied by equivalent course work as approved by the department. Prerequisite: Span 331. (3)

**582. CERVANTES.** Study of Cervantes' major works, including "Don Quixote" and "Novelas ejemplares" in light of modern theoretical approaches. Prerequisite: Span 577. (3)

**583. GOLDEN AGE LITERATURE.** Major Spanish writers of the 16th and 17th centuries. Prerequisite: Span 577. (3)

**585. EIGHTEENTH AND 19TH CENTURY SPAN. LIT.** Study of the works of representative authors of the most important literary currents of 18th and 19th century Spain. Prerequisite: Span 577. (3)

**586. MODERN SPANISH LITERATURE.** Study of literary works from the Generation of '98 to the present in Spain. Prerequisite: Span 578. (3)

**587. SPANISH AMERICAN SHORT STORY.** Development of the short story as a literary genre in Spanish America, with emphasis on recent trends. Prerequisite: Span 579 or Span 580. (3)

**588. SPANISH AMERICAN POETRY.** Analysis of texts representative of major poetic movements in Spanish America. Prerequisite: Span 579 or Span 580. (3)

**589. SPANISH AMERICAN NOVEL.** Study of selected novels of major Spanish American writers. Prerequisite: Span 579 or Span 580. (3)

**593. TOPICS IN CULTURAL STUDIES.** May be repeated for credit. Prerequisite: Span 321, Span 322. (3)

**598. GRADUATE SPANISH STUDY ABROAD.** (1-9)

**599. SPECIAL TOPICS.** Content varies; may be repeated once for credit. (3)

## TESL

**542. TEACHING ENGLISH AS A SECOND LANGUAGE.** Methodological issues in the teaching of English as a second language within the framework of various curricular requirements. (3)

## MUSIC

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Professor Charles Gates, chair • 164 Scruggs Hall • [www.olemiss.edu/depts/music/](http://www.olemiss.edu/depts/music/)

### Music-MUS

#### Theory, Composition, History

**101. INTRODUCTION TO MUSIC LITERATURE.** An overall historical perspective including style recognition and familiarity with major composers and compositions. (For music majors and minors). (3)

**102. FUNDAMENTALS OF MUSIC THEORY.** Fundamental concepts and principles of harmonic, melodic, and rhythmic structures, including their notation and interpretation. No previous instruction in music required. May not be used to satisfy requirements for a major or minor in music. (3)

**103. INTRODUCTION TO MUSIC.** The study of elementary music elements and basic terminology, with an emphasis on identification of the major music styles in the Western civilization. May not be used to satisfy the requirements for a major or minor in music. (3)

**104. INTRODUCTION TO WORLD MUSIC CULTURES.** A survey introducing the musical cultures of Africa, African America, Latin America, Native America, Southeast Asia, South Asia, and Southeastern Europe. (3)

**105, 106. MUSICIANSHIP AND HARMONY I, II.** Theory fundamentals; an introduction to musical skills through solfege (sight singing, ear training, rhythm, memory, dictation, improvisation); the study of diatonic harmony through part writing and analysis. Prerequisite for Mus 106: Mus 105. (3, 3)

**200. TOPICS IN MUSIC ABROAD I.** Students do departmentally approved course work at a foreign university or music conservatory. May be repeated with permission of the chair of the Department of Music. (1-6)

**205, 206. MUSICIANSHIP AND HARMONY III, IV.** An in-depth study of chromatic harmony through part writing and analysis; the study of late nineteenth- and early twentieth-century chromatic harmony; an introduction to twentieth-century compositional techniques; the further development of all musical skills based on chromatic and atonal music. Prerequisite for Mus 205: Mus 106; prerequisite for Mus 206: Mus 205. (3, 3)

**230. INSTRUMENTAL METHODS FOR VOCAL/KEYBOARD MAJORS.** Functional techniques of wind, percussion, and stringed instruments, to include hands-on experience playing the instruments as well as the rudimentary pedagogy for each. (2)

**301. HISTORY OF MUSIC I.** A survey of styles and genres of European music from the Middle Ages to 1750, and its relationship to historical, social, and artistic movements. (3)

**302. HISTORY OF MUSIC II.** A survey of styles and genres of European and American music from 1750 to the present, and its relationship to historical, social, and artistic movements. (3)

**303. VOCAL LITERATURE I.** A historical survey of the art song literature. Prerequisite: junior standing; music majors only. (2)

**304. VOCAL LITERATURE II.** A historical survey of opera and oratorio literature. Prerequisite: junior standing; music majors only. (2)

**305, 306. FORM AND ANALYSIS I, II.** A study of the structural properties of phrases, periods, and phrase groups applied to binary, ternary, rondo, and sonata forms in music of the 18th through 20th centuries; an introduction to imitative (fugal) and theme and variation procedures; a study of large forms, especially sonata, sonata-rondo, and the concerto. Prerequisite for Mus 305: Mus 206; prerequisite for Mus 306: Mus 305. (2, 2)

**309. COMPOSITION I.** Directed studies in musical composition. Prerequisite: Mus 206. (2)

**310. COMPOSITION II.** Directed studies in musical composition. Prerequisite: Mus 309. (2)

**312. KEYBOARD LITERATURE.** Chronological survey of keyboard literature. Prerequisite: music majors only. (3)

**313. AMERICAN MUSICAL THEATRE.** The growth of the American musical and operetta in a historical context from the 1800s. (3)

**321. THE DEVELOPMENT OF COUNTRY MUSIC.** Traces the development and evolution of country music from the folk tradition of the 19th century to the Nashville sound. Prerequisite: junior standing. (3)

**330. SELECTED TOPICS IN MUSIC.** Selected topics in music history and literature, music theory, or music education. Topics may vary. May be repeated once for credit. Prerequisite: junior standing. (1-3)

**347. INTRODUCTION TO MUSIC TECHNOLOGY.** Introduction of technology as it applies to the field of music, including music notation, MIDI, Internet resources, and digital versus analog signals. Prerequisites: Mus 106; music majors only. (1)

**400. TOPICS IN MUSIC ABROAD II.** Students do departmentally approved course work at a foreign university or music conservatory. May be repeated with permission of the chair of the Department of Music. (1-6)

**403. COMPOSITION III.** Directed studies in musical composition. Prerequisite: Mus 310 or permission of instructor. (2)

**404. COMPOSITION IV.** Directed studies in musical composition. Prerequisite: Mus 403 or permission of instructor. (2)

**405. INSTRUMENTAL ARRANGING.** Scoring for various chamber ensembles (strings, winds, brass, percussion), culminating in a project for a large ensemble (orchestra or wind ensemble). Students may elect their stream of concentration (orchestra/band). (2)



- 497. SENIOR THESIS.** An in-depth study of a topic in music history or music theory under the supervision of a major professor, concluding with a formal oral presentation and a research paper. Prerequisites: senior standing and consent of major professor. (3)
- 501. MUSIC OF THE MEDIEVAL AND RENAISSANCE PERIODS.** A study of European music from the 7th to the 16th centuries, its genres, composers, techniques and its connection to other arts and philosophy of the period. (3)
- 502. MUSIC OF THE BAROQUE PERIOD.** A study of Western music of the 17th and early 18th century, its genres, composers, techniques and its connection to other arts and philosophy of the period. (3)
- 503. MUSIC OF THE CLASSICAL PERIOD.** A survey of Western music (emphasizing major composers, genres, and styles) from the mid-18th to the early 19th century, including its relationship to contemporary culture and history. (3)
- 504. MUSIC OF THE ROMANTIC PERIOD.** A survey of Western music (emphasizing major composers, genres, and styles) in the 19th century, including its relationship to contemporary culture and history. (3)
- 505. ANALYSIS I:** A study of techniques appropriate to the analysis of music of the Renaissance and Baroque periods. (3)
- 506. ANALYSIS II:** A study of techniques appropriate to the analysis of music of the Classical and Romantic periods. (3)
- 507. ANALYSIS III: 20TH CENTURY.** A study of techniques appropriate to the analysis of music of the 20th century. (3)
- 509. COMPOSITION V.** Directed studies in musical composition. Prerequisite: Mus 404 or graduate status with permission of instructor. May be repeated once for credit. (2)
- 510. COMPOSITION VI.** Directed studies in musical composition. Prerequisite: Mus 509 or graduate status with permission of instructor. May be repeated once for credit. (2)
- 511. BAND INSTRUMENTATION.** Arranging for the concert and marching band. (2)
- 512. SIXTEENTH-CENTURY COUNTERPOINT.** A study of the compositional techniques of contrapuntal music of the 16th century. (3)
- 513. MUSIC SINCE 1900.** A study of the art music of the 20th century, its relation to modernism and other ideologies, history, and its place in contemporary society. (3)
- 514. EIGHTEENTH-CENTURY COUNTERPOINT.** A study of the compositional techniques of contrapuntal music of the 18th century. (3)
- 515. HISTORY OF OPERA.** A historical survey of the opera. (3)
- 516. HISTORY AND LITERATURE OF HYMNODY IN AMERICA.** Discussion and materials related to the development, history, and hymnody of Christian sacred music in the United States between 1600 and the present. (3)
- 517. AFRICAN AMERICAN MUSICAL TRADITIONS.** A survey of styles arising from black American culture: the African background, spirituals, blues, and gospel music and their influence on American and world music. Same as AAS 517. (3)
- 518. THE HISTORY OF JAZZ.** The nature, origins, and evolution of jazz will be studied, using recordings, films, and source readings. Same as AAS 518. (3)
- 519. INSTRUMENTAL AND VOCAL ARRANGING.** Intensive study of arranging for various musical media, in styles chosen by students. Emphasis for each student may center upon instrumental music, vocal music, or any combination of the two. (2)
- 520. INTRODUCTION TO MUSIC RESEARCH.** Familiarity with the library materials and techniques necessary for advanced study in music. (2)
- 526. HISTORY OF MUSIC IN THE UNITED STATES.** Study of music in the United States from the early colonial period to the present with special emphasis in popular music developments. (3)
- 529. VOCAL PEDAGOGY.** Basic anatomy of the vocal mechanism and a basic understanding of pedagogical principles and applications in voice teaching. (2)
- 547. MUSIC TECHNOLOGY I.** Methods of synthesis, signal processing, recording, and computer applications involving MIDI. Prerequisite: Mus 305 or equivalent and consent of instructor. (2)
- 548. PSYCHOLOGY OF MUSIC.** Study of cognitive, emotional, and social aspects of music; acoustics of music and relationship to hearing; and processing of music by the brain. (3)
- 560. MUSIC THEORY PEDAGOGY.** A comparative survey of current systems and materials for teaching lower division college courses in music theory and ear training. (3)
- 561. SYMPHONIC LITERATURE.** A historical survey of music composed for the orchestra. (3)
- 563. CHAMBER MUSIC LITERATURE.** A historical survey of chamber music literature. (3)

**565. INSTRUMENTAL SOLO LITERATURE.** Solo literature for various woodwind, brass, percussion, and string instruments. Emphasis on the standard repertoire and solos used with elementary and secondary school students. (2)

**576. TOPICS IN ETHNOMUSICOLOGY.** An exploration of the cultural, social, historical, technological, and environmental factors that influence the music genres or regional musical traditions selected for study. Students may also explore epistemological themes. (3)

## Music Education

**161. STRING CLASS.** Methods of tone production, bowings, fingerings, positions, the care of the violin, viola, cello, and double bass. (1)

**172. SECONDARY INSTRUMENTAL MUSIC METHODS: FLUTE.** Tone production, fingering, tuning, care of instrument. (1)

**173. SECONDARY INSTRUMENTAL MUSIC METHODS: SINGLE REEDS.** Tone production, fingering, tuning, care of instrument. (1)

**174. SECONDARY INSTRUMENTAL MUSIC METHODS: DOUBLE REEDS.** Tone production, fingering, tuning, care of instrument. Prerequisite: Mus 172 or Mus 173 or permission of instructor. (1)

**187. SECONDARY INSTRUMENTAL MUSIC METHODS: HIGH BRASS.** Tone production, fingering, tuning, care of instrument. (1)

**189. SECONDARY INSTRUMENTAL MUSIC METHODS: LOW BRASS.** Tone production, fingering, tuning, care of instrument. (1)

**190. SECONDARY INSTRUMENTAL MUSIC METHODS: PERCUSSION.** Tone production, technical development, instrumental care for all the percussion instruments. (1)

**198. VOCAL METHODS FOR INSTRUMENTAL MAJORS.** A pedagogical approach to methods of healthy vocal tone production and proper care and technical development of the singing voice. (1)

**230. INSTRUMENTAL METHODS FOR VOCAL/KEYBOARD MAJORS.** Functional techniques of wind, percussion, and stringed instruments, to include hands-on experience playing the instruments as well as the rudimentary pedagogy for each. (2)

**311. INTRODUCTION TO MUSIC EDUCATION.** Class discussions on pedagogical procedures and philosophy. Unit teaching, including guitar, improvisation, music fundamentals through composition. Selected topics. Prerequisite: sophomore standing. (3)

**315. FUNDAMENTALS OF CONDUCTING.** Fundamentals of instrumental and choral conducting; baton technique, interpretation, practice with conducting class. (2)

**316. INSTRUMENTAL CONDUCTING.** Rehearsal and stylistic techniques with repertory ensemble. Woodwind, brass, and percussion methods classes strongly recommended prior to enrolment. Prerequisite: Mus 315, music majors only. (2)

**325. TECHNIQUES OF MARCHING BAND.** Current styles and trends of marching band. Concepts, drills, and charting. Prerequisite: music majors only. (2)

**329. MUSIC FOR CHILDREN.** A music course designed for elementary education majors to integrate music into the classroom; no previous instruction in music required. Prerequisites: elementary education majors only. Junior standing. (3)

**371. ELEMENTARY SCHOOL MUSIC.** Acquisition of skills and current methodologies required to teach elementary music. Prerequisite: sophomore standing. (3)

**376. TEACHING MUSIC IN THE ELEMENTARY SCHOOL-STRINGS.** Pedagogical procedures and techniques for beginner classes of string students in elementary schools. Prerequisite: music majors only. (1)

**381. CHORAL CONDUCTING I.** Emphasis on expressive conducting and rehearsal techniques. Prerequisites: MUS 213, MUS 315, and sophomore standing. (2)

**382. CHORAL CONDUCTING II.** Advanced choral conducting with emphasis on treatment of text and selection of literature. Prerequisites: MUS 214, 381, and sophomore standing. (2)

**383. CHORAL METHODS AND ADMINISTRATION.** Methodologies and techniques for teaching junior and senior high school choral music. Teaching practicums and observation are required. Prerequisite: sophomore standing. (3)

**384. CHORAL LITERATURE AND ARRANGING.** The study of the historical choral repertoire, preparation of an octavo file, and arranging choral music for various voicings. Prerequisite: sophomore standing. (3)

**385. INSTRUMENTAL MUSIC PEDAGOGY.** The study of pedagogical theory and practice of applied instrumental instruction. Prerequisite: music majors only. (2)

**414. PIANO PEDAGOGY.** The presentation of lesson plans and effective techniques of teaching piano; examination of publications, literature, and methods with discussion, observation, and actual teaching experiences. (2)

**422. TEACHING, ASSESSMENT AND CLASSROOM MANAGEMENT.** Instructional strategies, curriculum, assessment, and classroom management in music education. Prerequisite: Admission to Teacher Education and successful completion of Intermediate Decision Point. (3)

**490. INTERNSHIP.** Experience in music-based field including, but not limited to performance, composition, theory, history, commercial music, opera, and/or musical theatre production. Prerequisites: Junior standing or greater, 2.5 departmental GPA, approval of the department chair. (Z grade). (1-3)

**508. ADVANCED EAR TRAINING.** Advanced studies in rhythmic, melodic, and harmonic dictation and sight-singing. Although most exercises employ the major and minor modes, other modes are included. (3)

**523. ADVANCED BAND DIRECTING.** Methods of instrumental music with emphasis on research in the field. Topics include repertoire, conducting, rehearsing, and program building. (3)

**524. ADVANCED TECHNIQUES OF CHORAL DIRECTING.** Methods of choral directing with emphasis on expression, musicianship, and conducting techniques. Covers areas such as baton technique, score study and memorization, analysis of orchestration, rehearsal techniques, and program building. (3)

**525. ADVANCED TECHNIQUES OF MARCHING BAND.** Current styles and trends of marching band. Concepts, drills, and charting. (2)

**530. SPECIAL PROJECTS IN MUSIC EDUCATION.** Special topics in subject areas related to music education. (1-3)

**535. DIRECTED READINGS IN MUSIC EDUCATION.** Readings and discussions of texts and articles in the foundation literature of music education, with focus on concepts of curriculum development. (3)

**536. KODALY MUSIC EDUCATION IN AMERICA.** An introductory study of the philosophy and teaching methods of the Kodaly concept of music education as practiced in the United States. (3)

**551. ORFF LEVEL I.** An introductory course in the Orff-Schulwerk approach to teaching music in the elementary school. The Orff approach emphasizes creativity through improvisation, movement, and playing of instruments and singing. The course will be taught according to the requirements set forth by the American Orff-Schulwerk Association. (3)

## Ensembles

Enrollment in any music ensemble course requires the consent of the instructor.

**123, 124; 223, 224; 323, 324; 423, 424, 527, 528. JAZZ ENSEMBLE.** Standards and new repertoire with opportunities for individual improvisation and ensemble jazz experience. (1 each)

**126, 226, 326, 426, 567. WIND ENSEMBLE.** A lab ensemble for exploration and performance of wind band literature of a variety of periods and genres. (1 each)

**131, 132; 231, 232; 331, 332; 431, 432; 531, 532. UNIVERSITY ORCHESTRA.** Rehearsal and performance of standard orchestral literature. (1 each)

**133, 134; 233, 234; 333, 334; 433, 434; 533, 534. UNIVERSITY BAND.** Ole Miss Rebel Marching Band and/or UM Wind Ensemble during the fall semester. UM Wind Ensemble, Symphonic Band, or Concert Band during the spring semester. (1 each)

**135, 136; 235, 236; 335, 336; 435, 436; 545, 546. UNIVERSITY CHORUS.** Rehearsal and performance of works for men's, women's, and mixed chorus. (1 each)

**139, 140; 239, 240; 339, 340; 439, 440; 539, 540. CONCERT SINGERS.** Rehearsal and performance of a variety of musical styles, with emphasis on classical forms. (1 each)

**141, 142; 241, 242; 341, 342; 441, 442; 541, 542. STEEL DRUM ENSEMBLE.** Rehearsal and performance of traditional Caribbean music as well as popular, jazz, and classical arrangements for steel drums. (1 each)

**143, 144; 243, 244; 343, 344; 443, 444; 543, 544. EARLY MUSIC PERFORMANCE ENSEMBLE.** Rehearsal and performance of European vocal and instrumental music before 1750 and related repertoires. (1 each)

**149, 150; 249, 250; 349, 350; 449, 450; 549, 550. MADRIGAL SINGERS.** Rehearsal and performance of literature for small choral ensembles. (1, 1)

- 151, 152; 251, 252; 351, 352; 451, 452. SHOW CHOIR.** Rehearsal and performance of popular music written primarily for small choral ensemble with choreography. (1)
- 155, 156; 255, 256; 355, 356; 455, 456. PERCUSSION ENSEMBLE.** Performance of music of many styles written for percussion instruments. (1 each)
- 153, 253, 353, 453. SUMMER BAND.** Rehearsal and performance of standard favorites of the band literature. (1 each)
- 157, 158; 257, 258; 357, 358; 457, 458. TROMBONE ENSEMBLE.** Performance of representative trombone literature throughout the history of music. (1 each)
- 159, 160; 259, 260; 359, 360; 459, 460. BRASS CHOIR.** Performance of representative brass literature throughout the history of music. (1 each)
- 169, 170; 269, 270; 369, 370; 469, 470. SAXOPHONE ENSEMBLE.** Performance of representative saxophone chamber literature. (1 each)
- 179, 180, 279, 280, 379, 380, 479, 480. FLUTE ENSEMBLE.** Performance of representative flute literature throughout the history of music. (1 each)
- 193, 293, 393, 493, 593. SUMMER OPERA.** Development of performance techniques specific to music theatre form; movement and gesture, improvisation, musical style and structure, vocal technique, development of listening and ensemble skills. (1 each)
- 195, 295, 395, 495. OPERA THEATRE WORKSHOP I-IV.** Comprehensive training for the singer-actor in stage and body movement and basic technical training. Performance in scenes recital. (1 each)
- 196, 296, 396, 496. OPERA PRODUCTION WORKSHOP I-IV.** Performance and/or technical training through participation in a fully staged operatic production. (1 each)
- 237, 238; 337, 338; 437, 438; 537, 538. INSTRUMENTAL CHAMBER ENSEMBLE.** Chamber music study and performance in appropriate combinations for all instrumentalists. (1 each)
- 308. ACCOMPANYING.** Practical experience in accompanying. (May be repeated for credit). (1)
- 545, 546. UNIVERSITY CHORUS.** Rehearsal and performance of works for men's, women's, and mixed chorus. (1, 1)
- 595. OPERA THEATRE WORKSHOP V.** Comprehensive training for the singer-actor in stage and body movement and basic technical training. Performance in scenes recital. (1)
- 596. OPERA PRODUCTION WORKSHOP V.** Performance and/or technical training through participation in a fully staged operatic production. (1)
- 597. OPERA THEATRE WORKSHOP VI.** Comprehensive training for the singer-actor in stage and body movement and basic technical training. Performance in scenes recital. (1)
- 598. OPERA PRODUCTION WORKSHOP VI.** Performance and/or technical training through participation in a fully staged operatic production. (1)

## MUSIC PERFORMANCE

**Music Performance:** Class and Studio Instruction. All music performance, except class instruction, shall be taught as one hour of private instruction per week. Students may register for only one performance course in an area per semester, that is, only one piano course, or only one voice course, etc. When necessary, music performance courses may be repeated once for credit. The jury shall serve as the final examination for every music performance course. Advancement to the next performance course requires jury recommendation. The student may not continue in the same level of studio lessons or advance to the next level without consent of the instructor and performance area head. When offered in a summer term, credit is reduced by half. Music performance courses numbered 100 (Voic 100, Flut 100, etc.) cannot be used to satisfy music performance requirements for a major or minor in music.

## Class Instruction

**100. STUDENT RECITAL.** Student Recital must be completed with a passing (Z) grade (for 0 credit) 6 (six) semesters by all undergraduate Bachelor of Arts in Music or a Bachelor of Music (Music Performance or Music Education emphases) students. Music minors must complete 2 (two) semesters. (Z grade). (0).

**111. BEGINNING PIANO CLASS.** This course is for students who want to learn to play the piano but who have little or no prior experience. Students will learn to read and play music at the piano, gain rudimentary technical proficiency through the study of scales and chords, and apply skills in creative activities. This course may not be used to satisfy requirements for a major or minor in music. (1)

**113. FUNDAMENTAL KEYBOARD MUSICIANSHIP I.** Basic technical exercises and elementary repertoire. Beginning exercises in transposition, harmony, and improvisation. Placement audition required. Prerequisite: music majors only. (2)

**114. FUNDAMENTAL KEYBOARD MUSICIANSHIP II.** Continuation of Mus 113. Basic accompanying skills, score reading in ensemble. Prerequisite: 113 or audition; music majors only. (2)

**197. VOICE CLASS.** Fundamentals of voice for beginning vocal students not taking private voice lessons. (1)

**207. SINGERS' DICTION I.** Phonetic sounds of the English and Italian languages to promote the ability to sing in these languages. (2)

**208. SINGERS' DICTION II.** Phonetic sounds of the German and French languages to promote the ability to sing in these languages. (2)

**213. INTERMEDIATE KEYBOARD MUSICIANSHIP I.** The development of intermediate technical fluency at the keyboard; including repertoire, harmonization of simple melodies, sightreading, transposition, and improvisation.-Prerequisite: Mus 114 or audition; music majors only. (2)

**214. INTERMEDIATE KEYBOARD MUSICIANSHIP II.** Continuation and development of the skills studied in 213. Prerequisite: Mus 213 or audition; music majors only. (2)

**521. ADVANCED SINGER'S DICTION I.** An advanced study of Italian, French, and German diction for the solo singer and choral music educator. Prerequisite: Mus 207 and Mus 208. (2)

**522. ADVANCED SINGER'S DICTION II.** Advanced interpretive coaching in the performance of English, Italian, French, German, Spanish, and/or Russian art song and operatic literature with emphasis on diction. Prerequisite: Mus 521. (2)

## Studio Instruction

### Keyboard (Piano–Pian, Harpsichord–Hrps, Organ–Orgn)

**Pian 100. PREPARATORY PIANO.** Fundamental technical exercises and literature. Entrance by audition. (1)

**Pian 121. FRESHMAN PIANO I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Pian 122. FRESHMAN PIANO II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Pian 221. SOPHOMORE PIANO I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Pian 222. SOPHOMORE PIANO II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Pian 241. SOPHOMORE PIANO PERFORMANCE I.** Third semester private study for piano performance majors. Prerequisite: consent of instructor. (2)

**Pian 242. SOPHOMORE PIANO PERFORMANCE II.** Fourth semester private study for piano performance majors. Prerequisite: consent of instructor. (2)

**Pian 321. JUNIOR PIANO I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Pian 322. JUNIOR PIANO II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Pian 341. JUNIOR PIANO PERFORMANCE I.** Fifth semester private study for piano performance majors. Prerequisite: consent of instructor. (2)

**Pian 342. JUNIOR PIANO PERFORMANCE II.** Sixth semester private study for piano performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Pian 421. SENIOR PIANO I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Pian 422. SENIOR PIANO II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Pian 441. SENIOR PIANO PERFORMANCE I.** Seventh semester private study for piano performance majors. Prerequisite: consent of instructor. (2)

**Pian 442. SENIOR PIANO PERFORMANCE II.** Eighth semester private study for piano performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Pian 521. ADVANCED PIANO I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Pian 522. ADVANCED PIANO II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Pian 541. ADVANCED PIANO PERFORMANCE I.** Private study for advanced seniors and graduate students in piano performance. Prerequisite: consent of instructor. (4)

**Pian 542. ADVANCED PIANO PERFORMANCE II.** Private study for advanced seniors and graduate students in piano performance. Prerequisite: consent of instructor. (4)

Piano majors are strongly urged to elect study of organ and/or harpsichord as a secondary instrument.

**Hrps 121. FRESHMAN HARPSICHORD.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Hrps 221. SOPHOMORE HARPSICHORD.** Second semester private study. Prerequisite: consent of instructor. (2)

**Hrps 321. JUNIOR HARPSICHORD.** Third semester private study. Prerequisite: consent of instructor. (2)

**Hrps 421. SENIOR HARPSICHORD.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Hrps 521. ADVANCED HARPSICHORD I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Hrps 522. ADVANCED HARPSICHORD II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Orgn 100. PREPARATORY ORGAN.** (For beginning students) Basic manual and pedal technique. Entrance by audition. (1)

**Orgn 121. FRESHMAN ORGAN I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Orgn 122. FRESHMAN ORGAN II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Orgn 221. SOPHOMORE ORGAN I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Orgn 222. SOPHOMORE ORGAN II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Orgn 321. JUNIOR ORGAN I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Orgn 322. JUNIOR ORGAN II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Orgn 421. SENIOR ORGAN I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Orgn 422. SENIOR ORGAN II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Orgn 521. ADVANCED ORGAN I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Orgn 522. ADVANCED ORGAN II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

### **Strings (Violin–Viln, Viola–Vila, Violoncello–Vcel, String Bass–Stbs)**

**Viln 100. PREPARATORY VIOLIN.** Fundamental techniques, etudes, solos. Entrance by audition. (1)

**Viln 121. FRESHMAN VIOLIN I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Viln 122. FRESHMAN VIOLIN II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Viln 221. SOPHOMORE VIOLIN I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Viln 222. SOPHOMORE VIOLIN II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Viln 241. SOPHOMORE VIOLIN PERFORMANCE I.** Third semester private study for violin performance majors. Prerequisite: consent of instructor. (2)

**Viln 242. SOPHOMORE VIOLIN PERFORMANCE II.** Fourth semester private study for violin performance majors. Prerequisite: consent of instructor. (2)

**Viln 321. JUNIOR VIOLIN I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Viln 322. JUNIOR VIOLIN II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Viln 341. JUNIOR VIOLIN PERFORMANCE I.** Fifth semester private study for violin performance majors. Prerequisite: consent of instructor. (2)

**Viln 342. JUNIOR VIOLIN PERFORMANCE II.** Sixth semester private study for violin performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Viln 421. SENIOR VIOLIN I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Viln 422. SENIOR VIOLIN II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Viln 441. SENIOR VIOLIN PERFORMANCE I.** Seventh semester private study for violin performance majors. Prerequisite: consent of instructor. (2)

**Viln 442. SENIOR VIOLIN PERFORMANCE II.** Eighth semester private study for violin performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Viln 521. ADVANCED VIOLIN I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Viln 522. ADVANCED VIOLIN II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Viln 541. ADVANCED VIOLIN PERFORMANCE I.** Private study for advanced seniors and graduate students in violin performance. Prerequisite: consent of instructor. (4)

**Viln 542. ADVANCED VIOLIN PERFORMANCE II.** Private study for advanced seniors and graduate students in violin performance. Prerequisite: consent of instructor. (4)

**Vila 100. PREPARATORY VIOLA.** Basic techniques, etudes, solos. Entrance by audition. (1)

**Vila 121. FRESHMAN VIOLA I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Vila 122. FRESHMAN VIOLA II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Vila 221. SOPHOMORE VIOLA I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Vila 222. SOPHOMORE VIOLA II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Vila 241. SOPHOMORE VIOLA PERFORMANCE I.** Third semester private study for viola performance majors. Prerequisite: consent of instructor. (2)

**Vila 242. SOPHOMORE VIOLA PERFORMANCE II.** Fourth semester private study for viola performance majors. Prerequisite: consent of instructor. (2)

**Vila 321. JUNIOR VIOLA I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Vila 322. JUNIOR VIOLA II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Vila 341. JUNIOR VIOLA PERFORMANCE I.** Fifth semester private study for viola performance majors. Prerequisite: consent of instructor. (2)

**Vila 342. JUNIOR VIOLA PERFORMANCE II.** Sixth semester private study for viola performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Vila 421. SENIOR VIOLA I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Vila 422. SENIOR VIOLA II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Vila 441. SENIOR VIOLA PERFORMANCE I.** Seventh semester private study for viola performance majors. Prerequisite: consent of instructor. (2)

**Vila 442. SENIOR VIOLA PERFORMANCE II.** Eighth semester private study for viola performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Vila 521. ADVANCED VIOLA I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Vila 522. ADVANCED VIOLA II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Vila 541. ADVANCED VIOLA PERFORMANCE I.** Private study for advanced seniors and graduate students in viola performance. Prerequisite: consent of instructor. (4)

**Vila 542. ADVANCED VIOLA PERFORMANCE II.** Private study for advanced seniors and graduate students in viola performance. Prerequisite: consent of instructor. (4)

**Vcel 100. PREPARATORY VIOLONCELLO.** Basic techniques, etudes, solos. Entrance by audition. (1)

**Vcel 121. FRESHMAN VIOLONCELLO I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Vcel 122. FRESHMAN VIOLONCELLO II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Vcel 221. SOPHOMORE VIOLONCELLO I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Vcel 222. SOPHOMORE VIOLONCELLO II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Vcel 241. SOPHOMORE VIOLONCELLO PERFORMANCE I.** Third semester private study for violoncello performance majors. Prerequisite: consent of instructor. (2)

**Vcel 242. SOPHOMORE VIOLONCELLO PERFORMANCE II.** Fourth semester private study for violoncello performance majors. Prerequisite: consent of instructor. (2)

**Vcel 321. JUNIOR VIOLONCELLO I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Vcel 322. JUNIOR VIOLONCELLO II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Vcel 341. JUNIOR VIOLONCELLO PERFORMANCE I.** Fifth semester private study for violoncello performance majors. Prerequisite: consent of instructor. (2)

**Vcel 342. JUNIOR VIOLONCELLO PERFORMANCE II.** Sixth semester private study for violoncello performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Vcel 421. SENIOR VIOLONCELLO I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Vcel 422. SENIOR VIOLONCELLO II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Vcel 441. SENIOR VIOLONCELLO PERFORMANCE I.** Seventh semester private study for violoncello performance majors. Prerequisite: consent of instructor. (2)

**Vcel 442. SENIOR VIOLONCELLO PERFORMANCE II.** Eighth semester private study for violoncello performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Vcel 521. ADVANCED VIOLONCELLO I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Vcel 522. ADVANCED VIOLONCELLO II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Vcel 541. ADVANCED VIOLONCELLO PERFORMANCE I.** Private study for advanced seniors and graduate students in violoncello performance. Prerequisite: consent of instructor. (4)

**Vcel 542. ADVANCED VIOLONCELLO PERFORMANCE II.** Private study for advanced seniors and graduate students in violoncello performance. Prerequisite: consent of instructor. (4)

**Stbs 100. PREPARATORY STRING BASS.** Basic techniques, etudes, solos. Entrance by audition. (1)

**Stbs 121. FRESHMAN STRING BASS I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Stbs 122. FRESHMAN STRING BASS II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Stbs 221. SOPHOMORE STRING BASS I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Stbs 222. SOPHOMORE STRING BASS II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Stbs 241. SOPHOMORE STRING BASS PERFORMANCE I.** Third semester private study for string bass performance majors. Prerequisite: consent of instructor. (2)

**Stbs 242. SOPHOMORE STRING BASS PERFORMANCE II.** Fourth semester private study for string bass performance majors. Prerequisite: consent of instructor. (2)

**Stbs 321. JUNIOR STRING BASS I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Stbs 322. JUNIOR STRING BASS II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Stbs 341. JUNIOR STRING BASS PERFORMANCE I.** Fifth semester private study for string bass performance majors. Prerequisite: consent of instructor. (2)

**Stbs 342. JUNIOR STRING BASS PERFORMANCE II.** Sixth semester private study for string bass performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Stbs 421. SENIOR STRING BASS I.** Seventh semester private study. Prerequisite: consent of instructor. (2)



**Sths 422. SENIOR STRING BASS II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Sths 441. SENIOR STRING BASS PERFORMANCE I.** Seventh semester private study for string bass performance majors. Prerequisite: consent of instructor. (2)

**Sths 442. SENIOR STRING BASS PERFORMANCE II.** Eighth semester private study for string bass performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Sths 521. ADVANCED STRING BASS I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Sths 522. ADVANCED STRING BASS II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Sths 541. ADVANCED STRING BASS PERFORMANCE I.** Private study for advanced seniors and graduate students in string bass performance. Prerequisite: consent of instructor. (4)

**Sths 542. ADVANCED STRING BASS PERFORMANCE II.** Private study for advanced seniors and graduate students in string bass performance. Prerequisite: consent of instructor. (4)

### **Woodwinds (Clarinet–Clar, Flute–Flut, Bassoon–Bssn, Oboe–Oboe, Saxophone–Saxn)**

**Clar 100. PREPARATORY CLARINET.** Basic technical studies, etudes, solos. Entrance by audition. (1)

**Clar 121. FRESHMAN CLARINET I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Clar 122. FRESHMAN CLARINET II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Clar 221. SOPHOMORE CLARINET I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Clar 222. SOPHOMORE CLARINET II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Clar 241. SOPHOMORE CLARINET PERFORMANCE I.** Third semester private study for clarinet performance majors. Prerequisite: consent of instructor. (2)

**Clar 242. SOPHOMORE CLARINET PERFORMANCE II.** Fourth semester private study for clarinet performance majors. Prerequisite: consent of instructor. (2)

**Clar 321. JUNIOR CLARINET I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Clar 322. JUNIOR CLARINET II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Clar 341. JUNIOR CLARINET PERFORMANCE I.** Fifth semester private study for clarinet performance majors. Prerequisite: consent of instructor. (2)

**Clar 342. JUNIOR CLARINET PERFORMANCE II.** Sixth semester private study for clarinet performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Clar 421. SENIOR CLARINET I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Clar 422. SENIOR CLARINET II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Clar 441. SENIOR CLARINET PERFORMANCE I.** Seventh semester private study for clarinet performance majors. Prerequisite: consent of instructor. (2)

**Clar 442. SENIOR CLARINET PERFORMANCE II.** Eighth semester private study for clarinet performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Clar 521. ADVANCED CLARINET I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Clar 522. ADVANCED CLARINET II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Clar 541. ADVANCED CLARINET PERFORMANCE I.** Private study for advanced seniors and graduate students in clarinet performance. Prerequisite: consent of instructor. (4)

**Clar 542. ADVANCED CLARINET PERFORMANCE II.** Private study for advanced seniors and graduate students in clarinet performance. Prerequisite: consent of instructor. (4)

**Flut 100. PREPARATORY FLUTE.** Basic technical studies, etudes, solos. Entrance by audition. (1)

**Flut 121. FRESHMAN FLUTE I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Flut 122. FRESHMAN FLUTE II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Flut 221. SOPHOMORE FLUTE I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Flut 222. SOPHOMORE FLUTE II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Flut 241. SOPHOMORE FLUTE PERFORMANCE I.** Third semester private study for flute performance majors. Prerequisite: consent of instructor. (2)

**Flut 242. SOPHOMORE FLUTE PERFORMANCE II.** Fourth semester private study for flute performance majors. Prerequisite: consent of instructor. (2)

**Flut 321. JUNIOR FLUTE I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Flut 322. JUNIOR FLUTE II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Flut 341. JUNIOR FLUTE PERFORMANCE I.** Fifth semester private study for flute performance majors. Prerequisite: consent of instructor. (2)

**Flut 342. JUNIOR FLUTE PERFORMANCE II.** Sixth semester private study for flute performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Flut 421. SENIOR FLUTE I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Flut 422. SENIOR FLUTE II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Flut 441. SENIOR FLUTE PERFORMANCE I.** Seventh semester private study for flute performance majors. Prerequisite: consent of instructor. (2)

**Flut 442. SENIOR FLUTE PERFORMANCE II.** Eighth semester private study for flute performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Flut 521. ADVANCED FLUTE I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Flut 522. ADVANCED FLUTE II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Flut 541. ADVANCED FLUTE PERFORMANCE I.** Private study for advanced seniors and graduate students in flute performance. Prerequisite: consent of instructor. (4)

**Flut 542. ADVANCED FLUTE PERFORMANCE II.** Private study for advanced seniors and graduate students in flute performance. Prerequisite: consent of instructor. (4)

**Bssn 100. PREPARATORY BASSOON.** Basic technical studies, etudes, solos. Entrance by audition. (1)

**Bssn 121. FRESHMAN BASSOON I.** First semester private study. Entrance by audition.. Prerequisite: consent of instructor. (2)

**Bssn 122. FRESHMAN BASSOON II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Bssn 221. SOPHOMORE BASSOON I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Bssn 222. SOPHOMORE BASSOON II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Bssn 241. SOPHOMORE BASSOON PERFORMANCE I.** Third semester private study for bassoon performance majors. Prerequisite: consent of instructor. (2)

**Bssn 242. SOPHOMORE BASSOON PERFORMANCE II.** Fourth semester private study for bassoon performance majors. Prerequisite: consent of instructor. (2)

**Bssn 321. JUNIOR BASSOON I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Bssn 322. JUNIOR BASSOON II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Bssn 341. JUNIOR BASSOON PERFORMANCE I.** Fifth semester private study for bassoon performance majors. Prerequisite: consent of instructor. (2)

**Bssn 342. JUNIOR BASSOON PERFORMANCE II.** Sixth semester private study for bassoon performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Bssn 421. SENIOR BASSOON I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Bssn 422. SENIOR BASSOON II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Bssn 441. SENIOR BASSOON PERFORMANCE I.** Seventh semester private study for bassoon performance majors. Prerequisite: consent of instructor. (2)

**Bssn 442. SENIOR BASSOON PERFORMANCE II.** Eighth semester private study for bassoon performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Bssn 521. ADVANCED BASSOON I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Bssn 522. ADVANCED BASSOON II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Bssn 541. ADVANCED BASSOON PERFORMANCE I.** Private study for advanced seniors and graduate students in bassoon performance. Prerequisite: consent of instructor. (4)

**Bssn 542. ADVANCED BASSOON PERFORMANCE II.** Private study for advanced seniors and graduate students in bassoon performance. Prerequisite: consent of instructor. (4)

**Oboe 100. PREPARATORY OBOE.** Basic technical exercises, etudes, solos. Entrance by audition. (1)

**Oboe 121. FRESHMAN OBOE I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Oboe 122. FRESHMAN OBOE II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Oboe 221. SOPHOMORE OBOE I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Oboe 222. SOPHOMORE OBOE II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Oboe 241. SOPHOMORE OBOE PERFORMANCE I.** Third semester private study for oboe performance majors. Prerequisite: consent of instructor. (2)

**Oboe 242. SOPHOMORE OBOE PERFORMANCE II.** Fourth semester private study for oboe performance majors. Prerequisite: consent of instructor. (2)

**Oboe 321. JUNIOR OBOE I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Oboe 322. JUNIOR OBOE II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Oboe 341. JUNIOR OBOE PERFORMANCE I.** Fifth semester private study for oboe performance majors. Prerequisite: consent of instructor. (2)

**Oboe 342. JUNIOR OBOE PERFORMANCE II.** Sixth semester private study for oboe performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Oboe 421. SENIOR OBOE I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Oboe 422. SENIOR OBOE II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Oboe 441. SENIOR OBOE PERFORMANCE I.** Seventh semester private study for oboe performance majors. Prerequisite: consent of instructor. (2)

**Oboe 442. SENIOR OBOE PERFORMANCE II.** Eighth semester private study for oboe performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Oboe 521. ADVANCED OBOE I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Oboe 522. ADVANCED OBOE II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Oboe 541. ADVANCED OBOE PERFORMANCE I.** Private study for advanced seniors and graduate students in oboe performance. Prerequisite: consent of instructor. (4)

**Oboe 542. ADVANCED OBOE II.** Private study for advanced seniors and graduate students in oboe performance. Prerequisite: consent of instructor. (4)

**Saxn 100. PREPARATORY SAXOPHONE.** Basic technical exercises, etudes, solos. Entrance by audition. (1)

**Saxn 121. FRESHMAN SAXOPHONE I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Saxn 122. FRESHMAN SAXOPHONE II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Saxn 221. SOPHOMORE SAXOPHONE I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Saxn 222. SOPHOMORE SAXOPHONE II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Saxn 241. SOPHOMORE SAXOPHONE PERFORMANCE I.** Third semester private study for saxophone performance majors. Prerequisite: consent of instructor. (2)

**Saxn 242. SOPHOMORE SAXOPHONE PERFORMANCE II.** Fourth semester private study for saxophone performance majors. Prerequisite: consent of instructor. (2)

**Saxn 321. JUNIOR SAXOPHONE I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Saxn 322. JUNIOR SAXOPHONE II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Saxn 341. JUNIOR SAXOPHONE PERFORMANCE I.** Fifth semester private study for saxophone performance majors. Prerequisite: consent of instructor. (2)

**Saxn 342. JUNIOR SAXOPHONE PERFORMANCE II.** Sixth semester private study for saxophone performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Saxn 421. SENIOR SAXOPHONE I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Saxn 422. SENIOR SAXOPHONE II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Saxn 441. SENIOR SAXOPHONE PERFORMANCE I.** Seventh semester private study for saxophone performance majors. Prerequisite: consent of instructor. (2)

**Saxn 442. SENIOR SAXOPHONE PERFORMANCE II.** Eighth semester private study for saxophone performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Saxn 521. ADVANCED SAXOPHONE I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Saxn 522. ADVANCED SAXOPHONE II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Saxn 541. ADVANCED SAXOPHONE PERFORMANCE I.** Private study for advanced seniors and graduate students in saxophone performance. Prerequisite: consent of instructor. (4)

**Saxn 542. ADVANCED SAXOPHONE PERFORMANCE II.** Private study for advanced seniors and graduate students in saxophone performance. Prerequisite: consent of instructor. (4)

### **Brass (Baritone–Brtn, French Horn–Frhn, Trumpet–Trpt, Trombone–Trbn, Tuba–Tuba) and Percussion–Perc**

**Brtn 100. PREPARATORY BARITONE.** Basic technical studies, etudes, solos. Entrance by audition. (1)

**Brtn 121. FRESHMAN BARITONE I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Brtn 122. FRESHMAN BARITONE II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Brtn 221. SOPHOMORE BARITONE I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Brtn 222. SOPHOMORE BARITONE II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Brtn 241. SOPHOMORE BARITONE PERFORMANCE I.** Third semester private study for baritone performance majors. Prerequisite: consent of instructor. (2)

**Brtn 242. SOPHOMORE BARITONE PERFORMANCE II.** Fourth semester private study for baritone performance majors. Prerequisite: consent of instructor. (2)

**Brtn 321. JUNIOR BARITONE I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Brtn 322. JUNIOR BARITONE II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Brtn 341. JUNIOR BARITONE PERFORMANCE I.** Fifth semester private study for baritone performance majors. Prerequisite: consent of instructor. (2)

**Brtn 342. JUNIOR BARITONE PERFORMANCE II.** Sixth semester private study for baritone performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Brtn 421. SENIOR BARITONE I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Brtn 422. SENIOR BARITONE II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Brtn 441. SENIOR BARITONE PERFORMANCE I.** Seventh semester private study for baritone performance majors. Prerequisite: consent of instructor. (2)

**Brtn 442. SENIOR BARITONE PERFORMANCE II.** Eighth semester private study for baritone performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Brtn 521. ADVANCED BARITONE I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

- Brtn 522. ADVANCED BARITONE II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)
- Brtn 541. ADVANCED BARITONE PERFORMANCE I.** Private study for advanced seniors and graduate students in baritone performance. Prerequisite: consent of instructor. (4)
- Brtn 542. ADVANCED BARITONE PERFORMANCE II.** Private study for advanced seniors and graduate students in baritone performance. Prerequisite: consent of instructor. (4)
- Frhn 100. PREPARATORY FRENCH HORN.** Basic technical studies, etudes, solos. Entrance by audition. (1)
- Frhn 121. FRESHMAN FRENCH HORN I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)
- Frhn 122. FRESHMAN FRENCH HORN II.** Second semester private study. Prerequisite: consent of instructor. (2)
- Frhn 221. SOPHOMORE FRENCH HORN I.** Third semester private study. Prerequisite: consent of instructor. (2)
- Frhn 222. SOPHOMORE FRENCH HORN II.** Fourth semester private study. Prerequisite: consent of instructor. (2)
- Frhn 241. SOPHOMORE FRENCH HORN PERFORMANCE I.** Third semester private study for French horn performance majors. Prerequisite: consent of instructor. (2)
- Frhn 242. SOPHOMORE FRENCH HORN PERFORMANCE II.** Fourth semester study for French horn performance majors. Prerequisite: consent of instructor. (2)
- Frhn 321. JUNIOR FRENCH HORN I.** Fifth semester private study. Prerequisite: consent of instructor. (2)
- Frhn 322. JUNIOR FRENCH HORN II.** Sixth semester private study. Prerequisite: consent of instructor. (2)
- Frhn 341. JUNIOR FRENCH HORN PERFORMANCE I.** Fifth semester private study for French horn performance majors. Prerequisite: consent of instructor. (2)
- Frhn 342. JUNIOR FRENCH HORN PERFORMANCE II.** Sixth semester private study for French horn performance majors. Recital required. Prerequisite: consent of instructor. (3)
- Frhn 421. SENIOR FRENCH HORN I.** Seventh semester private study. Prerequisite: consent of instructor. (2)
- Frhn 422. SENIOR FRENCH HORN II.** Eighth semester private study. Prerequisite: consent of instructor. (2)
- Frhn 441. SENIOR FRENCH HORN PERFORMANCE I.** Seventh semester study for French horn performance majors. Prerequisite: consent of instructor. (2)
- Frhn 442. SENIOR FRENCH HORN PERFORMANCE II.** Eighth semester private study for French horn performance majors. Recital required. Prerequisite: consent of instructor. (3)
- Frhn 521. ADVANCED FRENCH HORN I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)
- Frhn 522. ADVANCED FRENCH HORN II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)
- Frhn 541. ADVANCED FRENCH HORN PERFORMANCE I.** Private study for advanced seniors and graduate students in French horn performance. Prerequisite: consent of instructor. (4)
- Frhn 542. ADVANCED FRENCH HORN PERFORMANCE II.** Private study for advanced seniors and graduate students in French horn performance. Prerequisite: consent of instructor. (4)
- Trpt 100. PREPARATORY TRUMPET.** Basic technical studies, etudes, solos. Entrance by audition. (1)
- Trpt 121. FRESHMAN TRUMPET I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)
- Trpt 122. FRESHMAN TRUMPET II.** Second semester private study. Prerequisite: consent of instructor. (2)
- Trpt 221. SOPHOMORE TRUMPET I.** Third semester private study. Prerequisite: consent of instructor. (2)
- Trpt 222. SOPHOMORE TRUMPET II.** Fourth semester private study. Prerequisite: consent of instructor. (2)
- Trpt 241. SOPHOMORE TRUMPET PERFORMANCE I.** Third semester private study for trumpet performance majors. Prerequisite: consent of instructor. (2)
- Trpt 242. SOPHOMORE TRUMPET PERFORMANCE II.** Fourth semester private study for trumpet performance majors. Prerequisite: consent of instructor. (2)

**Trpt 321. JUNIOR TRUMPET I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Trpt 322. JUNIOR TRUMPET II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Trpt 341. JUNIOR TRUMPET PERFORMANCE I.** Fifth semester private study for trumpet performance majors. Prerequisite: consent of instructor. (2)

**Trpt 342. JUNIOR TRUMPET PERFORMANCE II.** Sixth semester private study for trumpet performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Trpt 421. SENIOR TRUMPET I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Trpt 422. SENIOR TRUMPET II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Trpt 441. SENIOR TRUMPET PERFORMANCE I.** Seventh semester study for trumpet performance majors. Prerequisite: consent of instructor. (2)

**Trpt 442. SENIOR TRUMPET PERFORMANCE II.** Eighth semester private study for trumpet performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Trpt 521. ADVANCED TRUMPET I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Trpt 522. ADVANCED TRUMPET II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Trpt 541. ADVANCED TRUMPET PERFORMANCE I.** Private study for advanced seniors and graduate students in trumpet performance. Prerequisite: consent of instructor. (4)

**Trpt 542. ADVANCED TRUMPET PERFORMANCE II.** Private study for advanced seniors and graduate students in trumpet performance. Prerequisite: consent of instructor. (4)

**Trbn 100. PREPARATORY TROMBONE.** Basic technical studies, etudes, solos. Entrance by audition. (1)

**Trbn 121. FRESHMAN TROMBONE I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Trbn 122. FRESHMAN TROMBONE II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Trbn 221. SOPHOMORE TROMBONE I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Trbn 222. SOPHOMORE TROMBONE II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Trbn 241. SOPHOMORE TROMBONE PERFORMANCE I.** Third semester private study for trombone performance majors. Prerequisite: consent of instructor. (2)

**Trbn 242. SOPHOMORE TROMBONE PERFORMANCE II.** Fourth semester private study for trombone performance majors. Prerequisite: consent of instructor. (2)

**Trbn 321. JUNIOR TROMBONE I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Trbn 322. JUNIOR TROMBONE II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Trbn 341. JUNIOR TROMBONE PERFORMANCE I.** Fifth semester private study for trombone performance majors. Prerequisite: consent of instructor. (2)

**Trbn 342. JUNIOR TROMBONE PERFORMANCE II.** Sixth semester private study for trombone performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Trbn 421. SENIOR TROMBONE I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Trbn 422. SENIOR TROMBONE II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Trbn 441. SENIOR TROMBONE PERFORMANCE I.** Seventh semester private study for trombone performance majors. Prerequisite: consent of instructor. (2)

**Trbn 442. SENIOR TROMBONE PERFORMANCE II.** Eighth semester private study for trombone performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Trbn 521. ADVANCED TROMBONE I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Trbn 522. ADVANCED TROMBONE II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Trbn 541. ADVANCED TROMBONE PERFORMANCE I.** Private study for advanced seniors and graduate students in trombone performance. Prerequisite: consent of instructor. (4)

**Trbn 542. ADVANCED TROMBONE PERFORMANCE II.** Private study for advanced seniors and graduate students in trombone performance. Prerequisite: consent of instructor. (4)

**Tuba 100. PREPARATORY TUBA.** Basic technical studies, etudes, solos. Entrance by audition. (1)

**Tuba 121. FRESHMAN TUBA I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Tuba 122. FRESHMAN TUBA II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Tuba 221. SOPHOMORE TUBA I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Tuba 222. SOPHOMORE TUBA II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Tuba 241. SOPHOMORE TUBA PERFORMANCE I.** Third semester private study for tuba performance majors. Prerequisite: consent of instructor. (2)

**Tuba 242. SOPHOMORE TUBA PERFORMANCE II.** Fourth semester private study for tuba performance majors. Prerequisite: consent of instructor. (2)

**Tuba 321. JUNIOR TUBA I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Tuba 322. JUNIOR TUBA II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**Tuba 341. JUNIOR TUBA PERFORMANCE I.** Fifth semester study for tuba majors performance. Prerequisite: consent of instructor. (2)

**Tuba 342. JUNIOR TUBA PERFORMANCE II.** Sixth semester study for tuba performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Tuba 421. SENIOR TUBA I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Tuba 422. SENIOR TUBA II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Tuba 441. SENIOR TUBA PERFORMANCE I.** Seventh semester private study for tuba performance majors. Prerequisite: consent of instructor. (2)

**Tuba 442. SENIOR TUBA PERFORMANCE II.** Eighth semester private study for tuba performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Tuba 521. ADVANCED TUBA I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Tuba 522. ADVANCED TUBA II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Tuba 541. ADVANCED TUBA PERFORMANCE I.** Private study for advanced seniors and graduate students in tuba performance. Prerequisite: consent of instructor. (4)

**Tuba 542. ADVANCED TUBA PERFORMANCE II.** Private study for advanced seniors and graduate students in tuba performance. Prerequisite: consent of instructor. (4)

**Perc 100. PREPARATORY PERCUSSION INSTRUMENTS.** Basic technical studies, etudes, solos. Entrance by audition. (1)

**Perc 121. FRESHMAN PERCUSSION I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**Perc 122. FRESHMAN PERCUSSION II.** Second semester private study. Prerequisite: consent of instructor. (2)

**Perc 221. SOPHOMORE PERCUSSION I.** Third semester private study. Prerequisite: consent of instructor. (2)

**Perc 222. SOPHOMORE PERCUSSION II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**Perc 241. SOPHOMORE PERCUSSION PERFORMANCE I.** Third semester private study for percussion performance majors. Prerequisite: consent of instructor. (2)

**Perc 242. SOPHOMORE PERCUSSION PERFORMANCE II.** Fourth semester private study for percussion performance majors. Prerequisite: consent of instructor. (2)

**Perc 321. JUNIOR PERCUSSION I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**Perc 322. JUNIOR PERCUSSION II.** Sixth semester private instruction. Prerequisite: consent of instructor. (2)

**Perc 341. JUNIOR PERCUSSION PERFORMANCE I.** Fifth semester private study for percussion performance majors. Prerequisite: consent of instructor. (2)

**Perc 342. JUNIOR PERCUSSION PERFORMANCE II.** Sixth semester private study for percussion performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Perc 421. SENIOR PERCUSSION I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**Perc 422. SENIOR PERCUSSION II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**Perc 441. SENIOR PERCUSSION PERFORMANCE I.** Seventh semester private study for percussion performance majors. Prerequisite: consent of instructor. (2)

**Perc 442. SENIOR PERCUSSION PERFORMANCE II.** Eighth semester private study for percussion performance majors. Recital required. Prerequisite: consent of instructor. (3)

**Perc 521. ADVANCED PERCUSSION I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**Perc 522. ADVANCED PERCUSSION II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (3)

**Perc 541. ADVANCED PERCUSSION PERFORMANCE I.** Private study for advanced seniors and graduate students in percussion performance. Prerequisite: consent of instructor. (2)

**Perc 542. ADVANCED PERCUSSION PERFORMANCE II.** Private study for advanced seniors and graduate students in percussion performance. Prerequisite: consent of instructor. (4)

## Voice–VOIC

**100. PREPARATORY VOICE.** Basic vocal techniques, exercises, and literature. Entrance by audition. (1)

**121. FRESHMAN VOICE I.** First semester private study. Entrance by audition. Prerequisite: consent of instructor. (2)

**122. FRESHMAN VOICE II.** Second semester private study. Prerequisite: consent of instructor. (2)

**221. SOPHOMORE VOICE I.** Third semester private study. Prerequisite: consent of instructor. (2)

**222. SOPHOMORE VOICE II.** Fourth semester private study. Prerequisite: consent of instructor. (2)

**241. SOPHOMORE VOICE PERFORMANCE I.** Third semester private study for voice performance majors. Prerequisite: consent of instructor. (2)

**242. SOPHOMORE VOICE PERFORMANCE II.** Fourth semester private study for voice performance majors. Prerequisite: consent of instructor. (2)

**321. JUNIOR VOICE I.** Fifth semester private study. Prerequisite: consent of instructor. (2)

**322. JUNIOR VOICE II.** Sixth semester private study. Prerequisite: consent of instructor. (2)

**341. JUNIOR VOICE PERFORMANCE I.** Fifth semester private study for voice performance majors. Prerequisite: consent of instructor. (2)

**342. JUNIOR VOICE PERFORMANCE II.** Sixth semester private study for voice performance majors. Recital required. Prerequisite: consent of instructor. (3)

**421. SENIOR VOICE I.** Seventh semester private study. Prerequisite: consent of instructor. (2)

**422. SENIOR VOICE II.** Eighth semester private study. Prerequisite: consent of instructor. (2)

**441. SENIOR VOICE PERFORMANCE I.** Seventh semester private study for voice performance majors. Prerequisite: consent of instructor. (2)

**442. SENIOR VOICE PERFORMANCE II.** Eighth semester private study for voice performance majors. Recital required. Prerequisite: consent of instructor. (3)

**521. ADVANCED VOICE I.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**522. ADVANCED VOICE II.** Private study for advanced seniors and graduate students. Prerequisite: consent of instructor. (2)

**541. ADVANCED VOICE PERFORMANCE I.** Private study for advanced seniors and graduate students in voice performance. Prerequisite: consent of instructor. (4)

**542. ADVANCED VOICE PERFORMANCE II.** Private study for advanced seniors and graduate students in voice performance. Prerequisite: consent of instructor. (4)

## NAVAL SCIENCE

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John J. Sorce, Chair, 2nd Floor Barnard Hall

[http://www.olemiss.edu/depts/naval\\_science/](http://www.olemiss.edu/depts/naval_science/)



## NSC

- 105. BASIC TRAINING.** Credit for successful completion of basic training in the U.S. Navy or the U.S. Marine Corps. Z grade. (4)
- 111. INTRO TO NAVAL SCIENCE.** Organization, history, plans and policies, customs, traditions and military structure of the Department of the Navy. (2)
- 112. SEAPOWER & MARITIME AFFAIRS.** General concept of seapower, including commercial and ocean resource aspects; history of the Navy and role of various warfare components; comparative study of U.S. and other navies. (2)
- 115. LEADERSHIP LABORATORY I.** Topics in human resource management and naval organization selected for midshipmen fourth class. Corequisite: Nsc 111. (1)
- 116. LEADERSHIP LABORATORY II.** Topics in human resource management and naval organization selected for midshipmen fourth class. Corequisite: Nsc 112. (1)
- 211. NAVAL LEADERSHIP & MANAGEMENT I.** Analysis of personal and professional problems confronting the naval officer in the management of personnel, equipment, and material. (Navy option). (2)
- 212. NAVIGATION.** Basic shipboard navigation; visual and radar navigation, piloting, celestial navigation, newer forms of electronic navigations. Corequisite: Nsc 213. (3)
- 213. NAVIGATION LABORATORY.** Mathematical analysis in support of Nsc 212. Corequisite: Nsc 212. (1)
- 215. LEADERSHIP LABORATORY III.** Topics in human resource management and naval organization selected for midshipmen third class. Corequisite: Nsc 211. (1)
- 216. LEADERSHIP LABORATORY IV.** Topics in human resource management and naval organization selected for midshipmen third class. Corequisite: Nsc 212. (1)
- 310. EVOLUTION OF WARFARE.** Development of basic knowledge of the art and concepts of warfare; exploration of the evolution of warfare from the beginnings of recorded history to the present. (Marine Corps option). (3)
- 312. NAVAL SHIPS SYSTEMS.** Ship compartmentation, propulsion systems, auxiliary power systems, interior communications and control; elements of ship safety design and stability characteristics. (3)
- 313. NAVAL WEAPONS SYSTEMS.** Introduction to theory and principles of operation of weapons systems; theory of target acquisition and tracking, launcher operations, and trajectory principles. (3)
- 315. LEADERSHIP LABORATORY V.** Topics in human resource management and military organization selected for midshipmen second class. (Marine Corps option). (1)
- 316. LEADERSHIP LABORATORY VI.** Topics in human resource management and military organization selected for midshipmen second class. (Marine Corps option). (1)
- 317. LEADERSHIP LABORATORY.** Topics in human resource management and shipboard organization selected for midshipmen second class. (Navy option). Corequisite: Nsc 413. (1)
- 318. LEADERSHIP LABORATORY.** Topics in human resource management and shipboard organization selected for midshipmen second class. (Navy option). Corequisite: Nsc 312. (1)
- 320. MARINE CORPS COMPANY-GRADE OFFICER.** Preparation for OCS and life as a Marine Corps company-grade officer. Emphasis on basic professional military principles of leadership and small unit tactical skills. (Marine Corps option). Prerequisite: instructor approval required. (3)
- 410. AMPHIBIOUS WARFARE.** Concept of amphibious warfare; doctrinal origins and evolution as an element of 20th century naval policy. (Marine Corps option). (3)
- 412. NAVAL LEADERSHIP & MANAGEMENT II.** Duties and responsibilities of the junior naval officer; emphasis on division and watch officer duties, administration, law and communication. Prerequisite: Nsc 211 with minimum grade of C. (2)
- 413. NAVAL OPERATIONS AND SEAMANSHIP.** Overview of maritime law, in-depth study of rules of the road; vector analysis of ship movements; aspects of seamanship and tactical maneuvers. Prerequisite: Nsc 212 with minimum grade of C. (3)
- 415. LEADERSHIP LABORATORY VII.** Topics in human resource management and military organization selected for midshipmen first class. (Marine Corps option). (1)
- 416. LEADERSHIP LABORATORY VIII.** Topics in human resource management and military organization selected for midshipmen first class. (Marine Corps option). (1)
- 417. LEADERSHIP LABORATORY IX.** Topics in human resource management and naval organization selected for midshipmen first class. (Navy option). Corequisite: Nsc 313. (1)

**418. LEADERSHIP LABORATORY X.** Topics in human resource management and naval organization selected for midshipmen first class. (Navy option). Corequisite: Nsc 412. (1)

**NURSING** See the *College of Liberal Arts section on Health Professions.*

## **PHARMACEUTICS**

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Michael A. Repka, Chair, 104A Faser Hall

<http://www.pharmacy.olemiss.edu/pharmaceutics>

### **PHAR**

**330. PHARMACEUTICAL CALCULATIONS.** This course introduces the prescription, prescription notation and abbreviations, basic pharmaceutical calculations, statistics and the mathematics of chemical kinetics and pharmacokinetics. Prerequisite: Pharmacy EE2, PY1, or PY2. (1)

**331. BASIC PHARMACEUTICS I.** This course is designed to teach those basic principles of physics and chemistry that are necessary to understand pharmaceutical dosage forms and their design. Corequisite: Phar 330. Prerequisite: Pharmacy PY1 or PY2. (3)

**332. BASIC PHARMACEUTICS II.** This course provides an understanding of various dosage forms and drug delivery systems and how medicinal and pharmaceutical substances are incorporated into them. Prerequisite: Phar 331 with minimum grade of C. (3)

**434. BIOPHARMACEUTICS AND PHARMACOKINETICS.** Physiochemical and biological factors affecting drug bioavailability; time course of drugs and metabolites in the body; individualizing dosing regimens. Prerequisite: Phar 332 with minimum grade of C, Phcl 443 with minimum grade of C. (3)

**436. PRODUCT DEVELOPMENT.** The course is designed to provide an understanding of the development of pharmaceutical dosage forms. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Phar 332 with minimum grade of C. (3)

**535. ANALYTICAL PHARMACEUTICS.** The course is designed to teach the basic analytical pharmaceutical techniques necessary to analyze drugs and dosage forms. Prerequisite requirements may also be satisfied by consent of instructor. Prerequisite: Phar 332 with minimum grade of C. (4)

**541. PROBLEMS IN PHARMACEUTICS.** Investigation of individual problems of current interest in pharmaceuticals. (1-3)

**542. PROBLEMS IN PHARMACEUTICS.** Investigation of individual problems of current interest in pharmaceuticals. (1-3)

**543. SEMINAR IN CURRENT PHARMACEUTICAL TOPIC.** (1)

**544. SEMINAR IN CURRENT PHARMACEUTICAL TOPIC.** (1)

**545. BIOPHARMACEUTICS AND PHARMACOKINETICS.** To provide the student with an understanding of the physiochemical and biological factors affecting drug bioavailability; time course of drugs and metabolites in the body; and individualizing dosing regimens. (3)

**547. VETERINARY PHARMACEUTICALS.** Physiological action, preparation, and dosage of remedial and preventive agents used in the treatment of domestic animals. Prerequisite: Phcl 443 with minimum grade of C. (3)

## **PHARMACOGNOSY**

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Daneel Ferreira, Chair, 443 Faser Hall

<http://www.pharmacy.olemiss.edu/pharmacognosy>

### **PHCG**

**321. PATHOGENESIS OF INFECTIOUS DISEASES.** This course covers all aspects of infectious diseases, including etiology, epidemiology and characteristics of disease-causing pathogens, host-

pathogen interactions, symptoms and prognosis of specified infectious diseases. Prerequisite: Bisc 162 with minimum grade of C, Bisc 163 with minimum grade of C. (3)

**421. PATH & ETIOLOGY OF INFECTIOUS DISEASES.** This course covers all aspects of infectious diseases, including etiology, epidemiology, and characteristics of disease-causing pathogens, host-pathogen interactions, symptoms and prognosis of specified infectious diseases. Prerequisite: Medc 317 with minimum grade of C. (3)

**422. NATURAL PRODUCT DERIVED PHARMACEUTICALS.** This course covers all aspects of natural products used as pharmaceuticals, including both plant-derived and microbial-derived (antibiotics). Prerequisite: Phcg 421 with minimum grade of C. (4)

**427. DRUG DISCOVERY I.** This course focuses on the techniques included in the characterization of drug substance from natural sources (plant, animal, and microorganisms). (3)

**428. DRUG DISCOVERY II.** This course focuses on laboratory techniques in drug discovery research. In particular, laboratory rotations through plant, marine, and microbe techniques will be emphasized. Z grade. Prerequisite: Phcg 427. (3)

**429. BOTANICALS AND TRADITIONAL MEDICINE.** A survey of the use of plants that affect human health. Emphasis is on understanding the scientific and cultural basis of plants that have a major impact on maintaining health, preventing disease, and treating illness. (2)

**541. PROBLEMS IN PHARMACOGNOSY.** Individual investigation of problems of current interest in pharmacognosy. (1-4)

**542. PROBLEMS IN PHARMACOGNOSY.** Individual investigation of problems of current interest in pharmacognosy. (1-4)

**543. SEMINAR IN NATURAL PRODUCTS CHEMISTRY.** (1-4)

**544. SEMINAR IN NATURAL PRODUCTS CHEMISTRY.** (1)

**545. INDIVIDUAL STUDY IN PHARMACOGNOSY RES.** Individual readings, discussions, and presentations of research literature in natural products chemistry. Z grade. (1-6)

**546. INDIVIDUAL STUDY IN PHARMACOGNOSY RES.** Individual readings, discussions, and presentations of research literature in natural products chemistry. Z grade. (1-6)

## PHARMACOLOGY

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Anthony J. Verlangieri, Chair, 303 Faser Hall

<http://www.pharmacy.olemiss.edu/pharmacology>

### PHCL

**202. ENVIRONMENTAL HEALTH PERSPECTIVES.** A survey course emphasizing environmental health issues, such as overpopulation, resource management, environmental degradation, and pollution. The course is designed for nonpharmacy majors. Prerequisite requirements for this course may also be satisfied by equivalent course work as approved by the department. Prerequisite: Bisc 102 with minimum grade of C, Bisc 104 with minimum grade of C. (3)

**341. HUMAN PHYSIOLOGY AND PATHOPHYSIOLOGY I.** Function of normal human organs contrasted with changes seen in disease. Prerequisite: Pharmacy PY1 or PY2. (5)

**342. HUMAN PHYSIOLOGY AND PATHOPHYSIOLOGY I.** Function of normal human organs contrasted with changes seen in disease. Prerequisite: Phcl 341 with minimum grade of C. (4)

**343. BIOCHEMICAL FOUNDATIONS OF THERAPEUTICS.** A detailed introduction to the chemistry of life processes, structure-activity relationships for biological molecules, metabolism and its regulation. Prerequisite: Chem 222 with minimum grade of C, Chem 226 with minimum grade of C. (3)

**344. PHYSIOLOGICAL FOUNDATION OF THERAPEUTICS** Systemic physiology with a study of organ function and an emphasis on human physiology. The structure and function of the major body systems will be explored, including the integumentary, muscular, skeletal, cardiovascular, lymphatic, respiratory, digestive, nervous, endocrine, urinary, reproductive, and body fluids and electrolytes. Aspects of cell structure, organization, and physiology, and molecular aspects of cell biology will be covered. The students will gain an understanding of normal physiology of the body at the cell and organ level. These basic understandings combined with critical thinking will enable the students to progress through the curriculum with a knowledge and analytical base necessary for understanding pathogenesis, pharmacological treatments, and clinical outcomes. Ultimately, the

factual material and the critical clinical thinking ability acquired in the case studies and laboratory sessions will provide the basis and rationale for selective pharmacotherapy and the understanding of its use in varying disease states. Prerequisite: Course is only open to pre-professional and early entry students enrolled in the School of Pharmacy. Bisc 162 with minimum grade of C, Bisc 163 with minimum grade of C. (4)

**345. NUTRITIONAL PHARMACOLOGY.** Nutritional issues of concern to pharmacists, including the popular use of nutritional supplements for physiological enhancement and disease prevention, drug-nutrient interactions, therapeutic implications for nutritional pharmacology, and product availability. (3)

**347. INTRODUCTION TO ENVIRONMENTAL TOXICOLOGY.** Introduction to chemical nature and reactions of toxic substances; their origins and uses; and the aspects of exposure, transformation, and elimination. The course is designed for biology, chemistry, and pharmacy majors. Prerequisite requirements for this course may also be satisfied by equivalent course work as approved by the department. Prerequisite: Bisc 160 with minimum grade of C, Bisc 162 with minimum grade of C, Chem 221 with minimum grade of C, Chem 222 with minimum grade of C. (2)

**443. BASIC AND CLINICAL PHARMACOLOGY I.** Basic principles of pharmacodynamics; pharmacology of drugs acting on the autonomic nervous system; other drug classes acting on autonomic- innervated organs. Prerequisite: Phcl 341 with minimum grade of C, Phcl 342 with minimum grade of C. (4)

**444. BASIC AND CLINICAL PHARMACOLOGY II.** Continuation of 443; central nervous system drugs; hematopoietic, immunosuppressant, antineoplastic, and antiallergic drugs; basics of environmental and clinical toxicology. Prerequisite: Phcl 443 with minimum grade of C. (4)

**501. PRINCIPLES OF LIFE SCIENCE RESEARCH.** This course consists of facilitated discussions of different topics. Students will be assigned as discussion facilitators for one or two topics. Student facilitators will be responsible for preparing a synopsis of the discussion for distribution to the class and for grading purposes. Grading will be 50 percent based on the discussion facilitation and write-up and 50 percent based on participation in other discussions. (1)

**503. LAB METH IN PHARMACOLOGY & TOXICOLOGY I.** Fundamental laboratory exercises designed to provide the student with hands-on experience with techniques basic to the disciplines of pharmacology and toxicology. (2)

**504. LAB METH IN PHARMACOLOGY & TOXICOLOGY II.** Fundamental laboratory exercises designed to provide the student with hands-on experience with techniques basic to the disciplines of pharmacology and toxicology. Prerequisite: Phcl 503 with minimum grade of C. (2)

**505. MODERN PHCL: NOVEL DRUGS CLINICAL TRIALS.** An in-depth discussion of topics of current importance in pharmacology of commonly occurring diseases are emphasized. Prerequisite: instructor approval required. (2)

**541. PROBLEMS IN PHARMACOLOGY.** Investigation of individual problems. (May be repeated for credit). (1-3)

**547. INTRODUCTION TO ENVIRONMENTAL TOXICOLOGY.** Introduction to chemical nature and reactions of toxic substances, their origins and uses; and aspects of exposure, transformation, and elimination. (2)

**563. INTRODUCTORY PHARMACOLOGY I.** General principles of pharmacodynamics; drugs affecting the autonomic nervous system and those organs innervated by that system. Prerequisite requirements for this course may also be satisfied by equivalent course work as approved by the department or by consent of instructor. Prerequisite: Phcl 361 with minimum grade of C, Phcl 362 with minimum grade of C, Phcl 373 with minimum grade of C. (4)

**564. INTRODUCTORY PHARMACOLOGY II.** Continuation of 563; autonomic, cardiovascular, and renal drugs; endocrinological and chemotherapeutic agents. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Phcl 563 with minimum grade of C. (4)

**569. DRUG ABUSE EDUCATION.** Pharmacological, legal, and socio-psychological aspects of drug abuse. Z grade. (3)

**581. INTRODUCTION TO TOXICOLOGY.** Course provides an introduction to the principles of toxicology. (3)

**586. RECEPTORS AND CHANNELS.** The course will cover aspects of cell signaling and membrane biophysics focused on inter and intracellular communication. Research techniques as well as classical and recent works will be discussed. (3)

## PHARMACY ADMINISTRATION

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Donna S. West Strum, Chair, 223 Faser Hall

<http://www.pharmacy.olemiss.edu/phad>

### PHAD

**391. PHARMACY ADMINISTRATION I.** An examination of the historical development of the practice of pharmacy and its evolution to today's patient-centered approach to care including the psychosocial factors facing pharmacy, the discovery and development of medications, and the medication use process. Prerequisite: Pharmacy EE2, PY1, or PY2. (3)

**392. PHARMACY ADMINISTRATION II.** Factors involved in the delivery, financing, and outcomes of health care in public and private sectors. Prerequisite: Phad 391 with minimum grade of C. (3)

**490. PROFESSIONAL COMMUNICATIONS IN PHARMACY.** Develop an understanding of the nature of communication and the types of communication skills necessary to deliver optimal pharmaceutical services. Prerequisite: Phad 392 with minimum grade of C. (2)

**491. PHARMACY LAW.** Pharmacists' common-law and statutory obligations under the American constitutional system of dual national and state authority. Prerequisite: Pharmacy PY1 or PY2. (2)

**493. PHARMACY MANAGEMENT AND BUSINESS METHODS.** Nature and principles of management, organization structure, location analysis, layout design, policy formulation, personnel administration, purchasing, inventory control, risk management, promotion, and financial analysis. Prerequisite: Pharmacy PY1 or PY2. (4)

**494. PHARMACEUTICAL ECONOMICS.** Pharmacoeconomics is the description and analysis of the costs of drug therapy to health-care systems and society. Pharmacoeconomic research identifies, measures, and compares the costs (i.e., resources consumed) and consequences of pharmaceutical products and services. (Same as Mktg 494). (3)

**495. TECHNIQUES OF PHARMACEUTICAL SALES.** To introduce various strategies and tactics available to those who represent the pharmaceutical industry to therapy decision makers. (Same as Mktg 495). (2)

**496. PRINCIPLES OF PHARMACEUTICAL MARKETING.** The nature and scope of the pharmaceutical industry, its marketing practices and environment. (Same as Mktg 496). Prerequisite: C minimum in Mktg 351 or C minimum in Phad 391. (3)

**541. PROBLEMS IN PHARMACY ADMINISTRATION.** Investigation of individual problems. (1-6)

**542. PROBLEMS IN PHARMACY ADMINISTRATION.** Investigation of individual problems. (1-6)

**543. SEMINAR IN CURRENT HEALTH TOPICS.** Pharmacy administration departmental seminar. (1)

**544. SEMINAR IN CURRENT HEALTH TOPICS.** Pharmacy administration departmental seminar. Z grade. (1)

**579. PRIMARY DATA TECHNIQUES.** An overview of the primary research techniques used in executing research projects related to pharmaceutical marketing and/or pharmacy management. Included are sampling, instrument development, and data collection using several personal interview and self-administered survey techniques. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Phad 688 with minimum grade of C. (3)

**597. MEDICAL ANTHROPOLOGY.** Social factors in health and illness. Social influences on need, demand, provision, and compliance with medical care. (3)

**599. HEALTH CARE AND CONTEMPORARY SOCIETY.** Development, current organization, and financing of the contemporary health care system in the United States from a comparative perspective. Specific topics include provider socialization, provider-consumer interaction, health care as an industry, and the health care system of the future. (3)

### PHARMACY PRACTICE

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Leigh A. Ross, Dean, 201 Faser

<http://www.pharmd.org/index.cfm>

## **AMBC**

**591. AMBULATORY CARE CLERKSHIP.** An elective experiential course consisting of a full-time six-week exposure emphasizing the rational use of therapeutic agents and disease management in ambulatory care patients. Corequisite: Prct 587. (5)

## **CARD**

**591. CARDIOLOGY CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the rational use of therapeutic agents and disease management in cardiology patients. (5)

## **COMM**

**591. COMMUNITY PHARMACY CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the rational use of therapeutic agents and disease management in patients in a community-practice setting. Corequisite: Prct 553. (5)

## **CRIT**

**591. CRITICAL CARE CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the rational use of therapeutic agents and disease management in critical care patients. (5)

## **DINF**

**591. DRUG INFORMATION CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the utilization of drug information resources, both electronic and nonelectronic, in providing optimal patient care. (5)

## **EMER**

**591. EMERGENCY MEDICAL CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the rational use of therapeutic agents in the emergency care setting. (5)

## **GERA**

**591. GERIATRICS CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the rational use of therapeutic agents and disease management in geriatric patients. (5)

## **INDY**

**591. PHARMACEUTICAL INDUSTRY CLERKSHIP.** An experiential elective course consisting of a full-time six-week exposure emphasizing the role and function of the pharmaceutical industry in providing health care professionals medication information. (5)

## **INFD**

**591. INFECTIOUS DISEASE CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the utilization of drug information resources, both electronic and nonelectronic, in providing optimal patient care. (5)

## **MANC**

**591. MANAGED CARE CLERKSHIP.** An experiential education course consisting of a full-time six-week experience emphasizing the role of managed health care delivery systems, the roles and responsibilities of pharmacy benefits management companies, and basic business and economic concepts. (5)

## MEDC

**591. MEDICINE CLERKSHIP.** An elective experiential course consisting of a full-time six-week exposure emphasizing the rational use of therapeutic agents and disease management in medicine patients. Corequisite: Prct 586. (5)

## NEUR

**591. NEUROLOGY CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the rational use of therapeutic agents and disease management in neurology patients. (5)

## NUTR

**591. NUTRITION CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the rational use of nutritional support in patient care. (5)

## ONCL

**591. ONCOLOGY CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the rational use of therapeutic agents and disease management in oncology patients. (5)

## PEDG

**591. PEDAGOGY ADVANCED PRACTICE EXPERIENCE.** A five-week (40 hours/week) elective experiential rotation in an academic setting that provides senior professional students with opportunities to explore issues in teaching and learning, and to participate directly in facilitating the learning of junior students in the pharmacy professional program. Registrants will be introduced to various teaching methods, including problem-based learning and other practice-based skills. Registrants will have opportunities to develop and improve teaching skills, with emphasis in evaluation and assessment. Prerequisite: Prct 558 with minimum grade of C, Prct 555 with minimum grade of C, Prct 556 with minimum grade of C, Prct 559 with minimum grade of C, Prct 561 with minimum grade of C, Prct 562 with minimum grade of C, Prct 564 with minimum grade of C, Prct 565 with minimum grade of C. (5)

## PEDS

**591. PEDIATRIC CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the rational use of therapeutic agents and disease management in pediatric patients. (5)

## PKIN

**591. PHARMACOKINETICS CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the rational use of pharmacokinetic principles in providing optimal patient care. (5)

## POIS

**591. POISON CONTROL CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the role and function of a Poison Control Center. (5)

## PRCT

**350. PHARMACY ORIENTATION.** An introduction to the School of Pharmacy and to the resources available for use by the student. An overview of school and faculty expectations of the student. Prerequisite: Pharmacy EE2, PY1, or PY2. (1)

**450. PHARMACY PRACTICE I.** To provide the student with fundamentals of practice research, diagnostic laboratory tests, nursing home, and hospital pharmacy practice. Prerequisite: Pharmacy PY1 or PY2. (2)

- 451. PHARMACY PRACTICE II.** To provide the student with essential skills for ambulatory pharmacy practice, pharmaceutical care, and patient self-care. Prerequisite: Pharmacy PY1 or PY2. (2)
- 452. PHARMACY PRACTICE III.** To provide the student with a systematic, problem-solving process that teaches students the skills needed to provide direct, responsible, outcome-focused care to improve a patient's quality of life. Prerequisite: Pharmacy PY1 or PY2. (1)
- 453. PRACTICE SKILLS LABORATORY I.** This course is the first of a four-course series (to be completed in the first four semesters in which a student is enrolled in the professional degree program), which provides introduction to and continuous development of pharmacy practice skills and behaviors, emphasizing active learning for integration and application of curricular content and incremental development of professional and general abilities. Prerequisite: course is only available to first-year students in the professional degree program. (2)
- 454. PRACTICE SKILLS LABORATORY II.** This course is the second of a four-course series (to be completed in the first four semesters in which a student is enrolled in the professional degree program), which provides introduction to and continuous development of pharmacy practice skills and behaviors, emphasizing active learning for integration and application of curricular content and incremental development of professional and general abilities. Prerequisite: Prct 453. (2)
- 475. DISTRIBUTIVE INTRO PHARMACY PRACTICE EXP.** An introduction to distributive pharmacy practice. Designed to support growth in the student's capability to render pharmaceutical care. May be repeated for credit if student chooses to obtain experience at both a traditional community and traditional institutional practice site. Z grade. (1)
- 476. SELECTIVE INTRO PHARMACY PRACTICE EXP.** An introduction to a selective (rather than traditional) community or institutional practice site. Z grade. (1)
- 477. INSTITUTIONAL PHARMACY PRACTICE II.** An introduction (one week, 40 contact hours) to patient care and related activities in an institutional pharmacy practice setting. Z grade. Prerequisite: Prct 475 with minimum grade of P, Prct 476 with minimum grade of P. (1)
- 478. COMMUNITY PHARMACY PRACTICE II.** An introduction to patient care and related activities in a community pharmacy practice setting. Z grade. Prerequisite: Prct 475 with minimum grade of P, Prct 476 with minimum grade of P, Prct 477 with minimum grade of P. (2)
- 520. CASE MANAGEMENT I.** Consists of 10 cases from the case management course sequence. The cases will be defended at six remote sites located in Memphis, Tupelo, Oxford, Jackson, Hattiesburg, and Biloxi. Z grade. Prerequisite: Prct 530 with minimum grade of P. (1)
- 521. CASE MANAGEMENT II.** Consists of 10 cases from the case management course sequence. The cases will be defended at six remote sites located in Memphis, Tupelo, Oxford, Jackson, Hattiesburg, and Biloxi. Z grade. Prerequisite: Prct 520 with minimum grade of P. (1)
- 522. CASE MANAGEMENT III.** Consists of 10 cases from the case management course sequence. The cases will be defended at six remote sites located in Memphis, Tupelo, Oxford, Jackson, Hattiesburg, and Biloxi. Z grade. Prerequisite: Prct 520 with minimum grade of P. (1)
- 523. CASE MANAGEMENT IV.** Consists of 10 cases from the case management course sequence. The cases will be defended at six remote sites located in Memphis, Tupelo, Oxford, Jackson, Hattiesburg, and Biloxi. Z grade. Prerequisite: Prct 520 with minimum grade of P. (1)
- 524. CASE MANAGEMENT V.** Consists of 10 cases from the case management course sequence. The cases will be defended at six remote sites located in Memphis, Tupelo, Oxford, Jackson, Hattiesburg, and Biloxi. Z grade. Prerequisite: Prct 523 with minimum grade of P. (1)
- 525. CASE MANAGEMENT VI.** Consists of 10 cases from the case management course sequence. The cases will be defended at six remote sites located in Memphis, Tupelo, Oxford, Jackson, Hattiesburg, and Biloxi. Z grade. Prerequisite: Prct 523 with minimum grade of P. (1)
- 526. CASE MANAGEMENT VII.** Consists of 10 cases from the case management course sequence. The cases will be defended at six remote sites located in Memphis, Tupelo, Oxford, Jackson, Hattiesburg, and Biloxi. Z grade. Prerequisite: Prct 523 with minimum grade of P. (1)
- 527. CASE MANAGEMENT VIII.** Consists of 10 cases from the case management course sequence. The cases will be defended at six remote sites located in Memphis, Tupelo, Oxford, Jackson, Hattiesburg, and Biloxi. Z grade. Prerequisite: Prct 526 with minimum grade of P. (1)
- 528. CASE MANAGEMENT IX.** Consists of 10 cases from the case management course sequence. The cases will be defended at six remote sites located in Memphis, Tupelo, Oxford, Jackson, Hattiesburg, and Biloxi. Z grade. Prerequisite: Prct 526 with minimum grade of P. (1)
- 529. CASE MANAGEMENT X.** Consists of 10 cases from the case management course sequence. The cases will be defended at six remote sites located in Memphis, Tupelo, Oxford, Jackson, Hattiesburg, and Biloxi. Z grade. Prerequisite: Prct 526 with minimum grade of P. (1)



- 530. CLINICAL SKILLS EVALUATION I.** A course involving a two-week period of evaluation performed by a clinical teacher-practitioner at one of six remote practice sites maintained and funded by The University of Mississippi School of Pharmacy. Z grade. (2)
- 531. CLINICAL SKILLS EVALUATION II.** A course involving a two-week period of evaluation performed by a clinical teacher-practitioner at one of six remote practice sites maintained and funded by The University of Mississippi School of Pharmacy. Z grade. Prerequisite: Prct 524 with minimum grade of P, Prct 530 with minimum grade of P. (2)
- 532. CLINICAL SKILLS EVALUATION III.** A course involving a two-week period of evaluation performed by a clinical teacher-practitioner at one of six remote practice sites maintained and funded by The University of Mississippi School of Pharmacy. Z grade. Prerequisite: Prct 529 with minimum grade of P, Prct 531 with minimum grade of P. (2)
- 541. PROBLEMS IN CLINICAL PHARMACY.** Individual investigation of problems of current clinical interest in pharmacy. (1-3)
- 542. PROBLEMS IN CLINICAL PHARMACY.** Individual investigation of problems of current clinical interest in pharmacy. (1-3)
- 543. COMMUNITY PHARMACY PRACTICE III.** An introduction (10 weeks, 4 contact hours/week) to patient care and related activities in a community pharmacy practice setting with additional emphasis in ambulatory care practice experiences. Z grade. Prerequisite: Prct 477 with minimum grade of P, Prct 478 with minimum grade of P. (1)
- 544. INSTITUTIONAL PHARMACY PRACTICE III.** An introduction (10 weeks, 4 hour contact hours/week) to patient care and related activities in an institutional pharmacy practice setting with additional emphasis in inpatient specialty pharmacy practice experiences. Z grade. Prerequisite: Prct 477 with minimum grade of P, Prct 478 with minimum grade of P. (1)
- 545. SPECIALTY PHARMACY PRACTICE ELECTIVE.** An introduction (one week, 40 contact hours) to patient care and related activities in a specialty pharmacy practice experience. Z grade. Prerequisite: Prct 477 with minimum grade of P, Prct 478 with minimum grade of P. (1)
- 551. INFORMATION SKILLS IN PHARMACY PRACTICE.** Introduction to use of computerized drug information databases, biostatistics, drug literature evaluation, and clinical research design. Z grade. (1)
- 553. CLINICAL EXTERNSHIP (COMMUNITY).** Six-week professional experience program offered at approved community pharmacies. Z grade. Corequisite: Comm 591. (5)
- 554. CLINICAL EXTERNSHIP (INSTITUTIONAL).** Six-week professional experience program offered at approved hospital pharmacies. Z grade. (5)
- 555. PHARMACEUTICAL CARE I: KNOWLEDGE & COMPR.** A course designed to integrate clinical and scientific discipline using patient cases as the basis for group discussions. Emphasis is placed on the development of the core knowledge base required of a pharmacist. Corequisite: Prct 556, Prct 557. (2)
- 556. PHARMACEUTICAL CARE I: PROBLEM-SOLVING.** A course designed to integrate clinical and scientific discipline using patient cases as the basis for group discussions. Emphasis is placed on the development of problem-solving skills. Corequisite: Prct 557, Prct 555. (2)
- 557. PHARMACEUTICAL CARE I: GROUP.** A course designed to integrate clinical and scientific discipline using patient cases as the basis for group discussions. Emphasis is placed on the development of independent learning and communication skills. Corequisite: Prct 555, Prct 556. (3)
- 558. PHARMACEUTICAL CARE II: KNOWLEDGE & COMP.** A course designed to integrate clinical and scientific discipline using patient cases as the basis for group discussions. Emphasis is placed on the development of the core knowledge base required of a pharmacist. Corequisite: Prct 559, Prct 560. (2)
- 559. PHARMACEUTICAL CARE II: PROBLEM-SOLVING.** A course designed to integrate clinical and scientific discipline using patient cases as the basis for group discussions. Emphasis is placed on the development of problem-solving skills. Corequisite: Prct 560, Prct 558. (2)
- 560. PHARMACEUTICAL CARE II: GROUP.** A course designed to integrate clinical and scientific discipline using patient cases as the basis for group discussions. Emphasis is placed on the development of independent learning and communication skills. Corequisite: Prct 558, Prct 559. (3)
- 561. PHARMACEUTICAL CARE III: KNOWLEDGE & COMP.** A course designed to integrate clinical and scientific discipline using patient cases as the basis for group discussions. Emphasis is placed on the development of the core knowledge base required of a pharmacist. Corequisite: Prct 562, Prct 563. (2)

**562. PHARMACEUTICAL CARE III: PROBLEM-SOLVING.** A course designed to integrate clinical and scientific discipline using patient cases as the basis for group discussions. Emphasis is placed on the development of problem-solving skills. Corequisite: Prct 563, Prct 561. (2)

**563. PHARMACEUTICAL CARE III: GROUP.** A course designed to integrate clinical and scientific discipline using patient cases as the basis for group discussions. Emphasis is placed on the development of independent learning and communication skills. Corequisite: Prct 561, Prct 562. (3)

**564. PHARMACEUTICAL CARE IV: KNOWLEDGE & COMP.** A course designed to integrate clinical and scientific discipline using patient cases as the basis for group discussions. Emphasis is placed on the development of the core knowledge base required of a pharmacist. Corequisite: Prct 565, Prct 569. (2)

**565. PHARMACEUTICAL CARE IV: PROBLEM-SOLVING.** A course designed to integrate clinical and scientific discipline using patient cases as the basis for group discussions. Emphasis is placed on the development of problem-solving skills. Corequisite: Prct 569, Prct 564. (2)

**566. SEMINAR SKILLS DEV FOR HEALTH PROF.** Course on developing the basic skills needed for effective presentation of pharmacy-oriented material. Z grade. (1)

**567. SEMINAR SKILLS DEV FOR HEALTH PROF II.** Continuation of Prct 566. Course on developing the basic skills needed for the effective presentation of pharmacy-oriented material. Z grade. Prerequisite: Prct 566 with minimum grade of P. (1)

**568. PHARMACY BIOMEDICAL ETHICS.** Seminar course is designed to explore topics to include clinical ethics, women's health issues, alternative/complimentary medicine, and practice management. The students will examine a number of patient-sensitive issues and evaluate literature in support of their own and opposing beliefs. Z grade. (2)

**569. PHARMACEUTICAL CARE IV: GROUP.** A course designed to integrate clinical and scientific discipline using patient cases as the basis for group discussions. Emphasis is placed on the development of independent learning and communication skills. Corequisite: Prct 564, Prct 565. (3)

**586. ADULT MEDICINE CLERKSHIP.** A required course designed to provide in-depth experience and clinical competence in dealing with acutely ill patients in a hospital environment with emphasis on rational therapeutics. Corequisite: Medc 591. (5)

**587. AMBULATORY CARE CLERKSHIP.** A required clerkship in which students gain clinical experience and competence with ambulatory patients by participating as a drug consultant and primary care provider for patients in an outpatient environment. Corequisite: Ambc 591. (5)

**591. ELECTIVE CLERKSHIP.** Six-week blocks of practical experience in specialty practice areas under the coordination of a faculty preceptor. (5)

**592. ELECTIVE CLERKSHIP.** Six-week blocks of practical experience in specialty practice areas under the coordination of a faculty preceptor. (5)

**593. ELECTIVE CLERKSHIP.** Six-week blocks of practical experience in specialty practice areas under the coordination of a faculty preceptor. (5)

**599. CLINICAL TRIALS SKILLS.** Course instructs how to assess and perform multiple types of clinical trials, follow-up statistical analysis, and publication of results. Z grade. Prerequisite: Prct 586 with minimum grade of P. (3)

## PSYC

**591. PSYCHIATRY CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the rational use of therapeutic agents and disease management in psychiatric patients. (5)

## SURG

**591. SURGERY CLERKSHIP.** An experiential course consisting of a full-time six-week exposure emphasizing the rational use of therapeutic agents and disease management in surgery patients. (5)

## PHILOSOPHY AND RELIGION

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## Philosophy Courses—PHIL

### Introductory Level

**101. INTRODUCTION TO PHILOSOPHY.** Survey of major philosophers and traditional philosophical problems concerning knowledge, values, and the nature of reality. (3)

**103. LOGIC: CRITICAL THINKING.** Principles and methods of sound reasoning, emphasizing analysis of everyday arguments. (Same as Ling 103). (3)

### History, Major Thinkers, and Themes

**301. HISTORY OF PHILOSOPHY I.** Major philosophers from the Pre-Socratics through the Medieval Period. (3)

**302. HISTORY OF PHILOSOPHY II.** Major philosophers from the Renaissance through the early 20th century. (3)

**307. MEDIEVAL PHILOSOPHY.** The Scholastic tradition, from its patristic origins through Nicholas of Cusa. (3)

**308. BUDDHISM.** Survey of Buddhism in its historical and contemporary contexts. (Same as Rel 308). (3)

**309. ASIAN PHILOSOPHY.** Examination of Asian thought in the Hindu, Buddhist, Taoist, and Confucian traditions. (Same as Rel 309). (3)

**310. SOCRATES AND SOPHISTRY.** The intellectual ferment surrounding the development of philosophy in fifth century Athens; its origins and consequences in literature and politics. Readings focus on Socrates; drama, early philosophical texts, the Sophists and Plato. (Same as Clc 310). (3)

**311. PLATO.** The dialogues and their influence on later thought. (3)

**313. ARISTOTLE.** Major ideas and issues in the Aristotelian writings. (3)

**315. AQUINAS.** A study of Thomist themes and issues in the development of the Medieval Synthesis. (3)

**316. WHITEHEAD.** A survey of his philosophical development from the mathematical works to "Process and Reality." (3)

**318. EXISTENTIALISM.** Development of existential themes from Kierkegaard through Sartre, and in recent existential theology and psychology. (3)

**324. PHILOSOPHICAL ANALYSIS.** Introduction to the approaches, positions, and methods in contemporary Anglo-American analytic philosophy. (3)

**330. HISTORY OF WESTERN POLITICAL PHILOSOPHY.** The history of Western political philosophy from ancient Greece to the French and American democratic revolutions of the 18th century. (3)

### Fields

**319. SYMBOLIC LOGIC.** A comprehensive survey of deductive symbolic logic. Topics covered include propositional logic, quantificational logic, and modal logic. (Same as Ling 319). (3)

**320. AESTHETICS.** Introduction to aesthetic theory, e.g., basic concepts and problems of art, beauty, and significant form. (3)

**321. ETHICS.** Introduction to ethical theory, from the classical period to the present. (3)

**322. EPISTEMOLOGY.** Introduction to the theory of knowledge, its nature, limits, and conditions. (3)

**323. METAPHYSICS.** Introduction to the theories of reality from classical to contemporary times. (3)

### Applied Philosophy

**326. BIOETHICS.** Ethical issues in the health care professions. Open only to students in the School of Pharmacy. (1)

**328. BIOMEDICAL ETHICS.** Ethical issues in contemporary biomedicine, e.g., death and dying, patient rights, and the challenges of new medical technology. (3)

**331. POLITICAL PHILOSOPHY.** Theories of the state and the just society from J.S. Mill to the present. (Same as PPL 331). (3)

**340. PHILOSOPHY AND COMPUTER TECHNOLOGY.** Philosophical issues raised by recent advances in computers and artificial intelligence. No experience with computers necessary. (3)

- 342. PHILOSOPHY OF MIND.** An introduction to philosophical psychology, e.g., the body/mind problem, the nature of consciousness, and personal identity. (3)
- 345. ENVIRONMENTAL ETHICS.** Ethical implications of environmental problems such as the endangerment of species and the disruption of fragile ecosystems. (Same as PPL 345). (3)
- 350. PHILOSOPHY OF LAW.** Philosophical issues in law, e.g., its relation to ethics and politics, the nature of justice and of responsibility. (3)
- 351. PHILOSOPHY OF RELIGION.** Philosophical questions in religious thought, e.g., the existence of God, the problem of evil, the nature of religious belief and experience. (Same as Rel 351). (3)
- 353. PHILOSOPHY OF WAR.** Major philosophical problems in war, e.g., its nature, its justification, pacifism, and the morality of CBN weaponry. (3)
- 357. BUSINESS ETHICS.** Ethical problems in business theory and practice, e.g., the myth of amoral business, conflicts of interest, and employer-employee rights and obligations. (3)
- 360. PHILOSOPHICAL ISSUES IN SCIENCE AND RELIGION.** Investigation of philosophical relationships between religion and science from the Renaissance to the present day, emphasizing methodological and conceptual issues. (Same as Rel 360). (3)
- 390. WOMEN AND PHILOSOPHY.** A survey of contemporary theories and philosophical issues centering on women and feminism. (Same as G St 390). (3)
- 395. TOPICS IN PHILOSOPHY.** An investigation of a specialized topic in philosophy. Content varies. May be repeated once for credit. (3)
- 399. TOPICS IN PHILOSOPHY ABROAD.** Students do departmentally approved course work at a foreign university. May be repeated with permission of the chair of the Department of Philosophy and Religion. (1-6)

## Undergraduate Majors

- 490. DIRECTED READINGS IN PHILOSOPHY.** Individual research into selected philosophical issues; content varies. Consent of instructor required. May be repeated once for credit. Prerequisite: consent of instructor. (3)
- 497. SENIOR SEMINAR.** Development of advanced skills in philosophical analysis and criticism through writing and presenting philosophical papers. Prerequisite: senior standing. (3)
- Seminars and Advanced Work**
- 502. PHILOSOPHY IN THE UNITED STATES.** Survey of American philosophy from colonial times to the present. (3)
- 503. SEMINAR.** Selected topics. Content varies. (3)
- 506. CONTEMPORARY POLITICAL PHILOSOPHY.** Philosophical issues in recent political thought. (3)
- 511. PHILOSOPHY OF SCIENCE.** Survey of philosophical issues in scientific theory and practice, including the nature of scientific method and explanation. (3)
- 516. CONTEMPORARY ETHICAL THEORY.** Recent ethical and metaethical theories and issues: e.g., the nature of morality, relativism, the relation of ethics to law and religion. (3)
- 518. CONTEMPORARY THEORIES IN PHILOSOPHY OF RELIGION.** Recent work in the philosophy of religion, such as process thought, Eastern religion, and religious epistemology. (3)
- 519. PHILOSOPHY OF LANGUAGE.** Survey of major philosophical problems in language, including meaning, reference, relations of language to thought and being. (Same as Ling 519). (3)
- 520. PROBLEMS IN ENVIRONMENTAL ETHICS.** Selected problems, such as population dynamics, ecosystem disruption, and environmental rights. (3)
- 521. CONTEMPORARY PHILOSOPHY.** Recent developments in philosophy. (3)

## Religion—REL

### Introductory Level

- 101. INTRODUCTION TO RELIGION.** Survey of religion and of the major world religions. (3)

### Western Religion

- 310. THE OLD TESTAMENT AND EARLY JUDAISM.** A survey of the Hebrew Bible and the development of Judaism. (3)

- 312. THE NEW TESTAMENT AND EARLY CHRISTIANITY.** A survey of the New Testament writings in their role in the development of early Christianity. (3)
- 323. ISLAM.** An introduction to the sacred literature, basic beliefs, history, and culture of Islam. (3)
- 324. ABRAHAMIC TRADITIONS.** An introduction to the beliefs and traditions of Judaism, Christianity, and Islam. (3)
- 326. SAINTS AND SEXUALITY.** A survey of holy figures within Christianity and Islam with an emphasis on gender and the body. (Same as G St 326). (3)
- 327. QUR'AN.** An examination of the structure, formation and themes of the Qur'an within Islam. The course will also focus on Quranic interpretation and hadith literature (or, traditions and sayings of the Prophet Muhammad). (3)
- 350. JUDAISM.** Judaism's history, beliefs and practices are explored from antiquity to the contemporary era. (3)
- 352. RABBINIC LITERATURE.** A study of the written and oral Torah in Judaism. The importance of Rabbinic literature to the emergence of Judaism and its development, along with its influence on Christianity will be explored. (3)
- 356. WOMEN IN THE RABBINIC TRADITION.** This course will examine the development of Rabbinic Judaism with particular emphasis on how it has shaped the lives of women. (Same as G St 356). (3)
- 366. WOMEN OF THE JUDEO-CHRISTIAN BIBLE.** A critical study of the significant women in the sacred literature of the Western prophetic tradition. (Same as G St 366). (3)
- 372. RISE OF CHRISTIANITY.** An examination of the rise and proliferation of Christian thought and ritual in the ancient world. Special emphasis will be paid to scriptural formation, the role of martyrdom, and writings of the early Church Fathers. (3)
- 378. GLOBAL CHRISTIANITY.** An exploration of Christianity as a global religion locally rooted in Asia, Africa, and Latin America. Diverse practices and beliefs are surveyed, primarily after the 15th century, that demonstrate how indigenous Christians creatively engaged culture, colonialism, and new frameworks for community. (3)
- 385. WESTERN MYSTICISM.** An examination of theist mystical thought and practice, emphasizing the roles of gender and authority. (Same as G St 385). (3)

## Eastern Religion

- 308. BUDDHISM.** Survey of Buddhism in its historical and contemporary contexts. (Same as Phil 308). (3)
- 309. ASIAN RELIGION.** Examination of Asian thought in the Hindu, Buddhist, Taoist, and Confucian traditions. (Same as Phil 309). (3)
- 311. WOMEN AND THE GODDESS IN EASTERN RELIGION.** Exploration of Goddess figures and the social roles of women in the Hindu, Buddhist, and Taoist traditions. (Same as G St 311). (3)
- 320. HINDUISM.** Survey of Hinduism and its cultural impact on the Indian subcontinent. (3)
- 325. CHINESE AND JAPANESE RELIGIONS.** Survey of the various religious traditions of China and Japan, including Confucianism, Taoism, Chinese and Japanese Buddhism, Shinto, as well as the vast array of popular practices that coexist alongside these traditions. (3)

## Topics

- 345. RELIGION AND POLITICS.** The involvement of religion in politics nationally and internationally. (3)
- 351. PHILOSOPHY OF RELIGION.** (Same as Phil 351). (3)
- 360. PHILOSOPHICAL ISSUES: SCIENCE AND RELIGION.** Investigation of philosophical relationships between religion and science from the Renaissance to the present day, emphasizing methodological and conceptual issues. (Same as Phil 360). (3)
- 384. RELIGION AND RENUNCIATION.** This course will identify and critique aspects of religious renunciation, or asceticism, within Christianity, Shi`te Islam, and Hinduism. Examples of religious renunciation include fasting, self-mortification, and voluntary poverty. (3)
- 386. RELIGION AND FILM.** This course explores religious issues through the visual narrative of film. Methodologies from film studies and religious studies are utilized to analyze such themes as tragedy and suffering, truth and justice, beauty and love, sacrifice and redemption in domestic and international cinema. (3)

**387. RELIGIOUS ETHICS: ISSUES AND METHODS.** A survey of comparative religious ethics, including an examination of the methods of moral reasoning within religious traditions and religious ethical perspectives on major moral issues such as the use of violent force, sexuality and marriage, and economic justice. (3)

**395. TOPICS IN RELIGIOUS STUDIES.** An investigation of a specialized topic in religious studies. Content varies. May be repeated once for credit. (3)

**399. TOPICS IN RELIGION ABROAD.** Students do departmentally approved course work at a foreign university. May be repeated with permission of the chair of the Department of Philosophy and Religion. (1-6)

### **Undergraduate Majors (Emphasis in Philosophy and Religion)**

**490. DIRECTED READINGS IN RELIGION.** Individual research into selected philosophical issues; content varies. (May be repeated once for credit). (3)

**497. CAPSTONE COURSE.** Development of advanced skills in analysis and criticism through writing and presenting papers. Prerequisite: senior standing. (3)

### **Seminars and Advanced Work**

**501. SEMINAR.** Selected topics. Content varies. (3)

**PHYSICAL THERAPY** See *Health Professions and visit*

*<http://shrp.umc.edu>.*

## **PHYSICS AND ASTRONOMY**

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Thomas C. Marshall, Chair, 108 Lewis Hall

[http://www.olemiss.edu/depts/physics\\_and\\_astronomy/](http://www.olemiss.edu/depts/physics_and_astronomy/)

### **Astronomy-ASTR**

**101. DESCRIPTIVE ASTRONOMY I.** Lectures, text assignments, and observations through the telescope. Astronomy 101 does not include laboratory work. A student may not receive credit for both Astronomy 101 and Astronomy 103, nor for both Astronomy 101 and Astronomy 104. (3)

**102. DESCRIPTIVE ASTRONOMY II.** Lectures, text assignments, and observations through the telescope. Astronomy 102 does not include laboratory work. A student may not receive credit for both Astronomy 102 and Astronomy 103, nor for both Astronomy 102 and Astronomy 104. (3)

**103. ASTRONOMY I.** Lectures, demonstrations in astronomy, laboratory experiences in celestial mechanics and light, and observations through an optical telescope in an integrated lecture-laboratory sequence. (Lecture meets twice weekly in the daytime, laboratory meets once weekly in the afternoon or night). (3)

**104. ASTRONOMY II.** Lectures, demonstrations in astronomy, laboratory experiences in celestial mechanics and light, and observations through an optical telescope in an integrated lecture-laboratory sequence. (Lecture meets twice weekly in the daytime, laboratory meets once weekly in the afternoon or night). (3)

### **Physics-PHYS**

A course in physics may be attempted for credit only twice without departmental approval.

**101. INTRODUCTION TO PHYSICS I.** Overview of topics of current interest in physics with emphasis on research activities in the field. (1)

**102. INTRODUCTION TO PHYSICS II.** Overview of topics of current interest in physics with emphasis on research activities in the field. (1)

- 107. PHYSICAL SCIENCE I.** Lectures, demonstrations, and laboratory exercises on topics relating to a study of the physical universe. Included is a survey of physics, astronomy, and chemistry in an integrated lecture-laboratory sequence. (3)
- 108. PHYSICAL SCIENCE II.** Lectures, demonstrations, and laboratory exercises on topics relating to a study of the physical universe. Included is a survey of physics, astronomy and chemistry in an integrated lecture-laboratory sequence. (3)
- 111. PHYSICS OF SOUND & MUSIC.** Wave properties and sound; the manner in which sounds are produced and heard; the physical basis for musical scales; and the effect of noise in our environment. (1)
- 112. PHYSICS OF LIGHT, COLOR, & ART.** Topics relating to sources, characteristics, and nature of light, optical instruments, and the relation of light, color, and visual perception in art. (1)
- 123. PHYSICS OF THE ATMOSPHERE.** Physical principles of atmospheric phenomena presented in an integrated lecture-laboratory format (2 lecture hours and 2 laboratory hours per week); composition and structure of the atmosphere, energy flows, and the resulting air motions and weather from small to planetary scales. (3)
- 211. PHYSICS FOR SCIENCE & ENGINEERING I.** A calculus-based introduction to the classical mechanics of compact and extended bodies, fluids and solids and related phenomena, including oscillations, waves and sound. First part of a two-semester survey of classical physics. Students who passed a high school calculus course that included integrals may be allowed to enroll in Phys 221. Contact the department for more information. Corequisite: Phys 221, Math 262. (3)
- 212. PHYSICS FOR SCIENCE & ENGINEERING II.** A calculus-based introduction to electricity, magnetism, electromagnetic waves, and related topics, including geometrical and physical optics. Second part of a two-semester survey of classical physics. Corequisite: Phys 222, Math 262. Prerequisite: Phys 211. (3)
- 213. GENERAL PHYSICS I.** Mechanics, heat, sound, light, magnetism, and electricity. (Phys 213, 214 with 223, 224 satisfies the physics requirement for pre-pharmacy and pre-medical students). Corequisite: Phys 223. Prerequisite: (Math 121 and Math 123) or Math 125 or Math 261. (3)
- 214. GENERAL PHYSICS II.** Mechanics, heat, sound, light, magnetism, and electricity. Corequisite: Phys 224. Prerequisite: Phys 213. (3)
- 215. PHYSICS FOR PHARMACEUTICAL SCIENCES.** A study of physics topics relevant to a program of study in pharmaceutical sciences. Lectures and coordinated laboratory exercises in classical and modern physics. Prerequisite: Math 261. (4)
- 221. LAB PHYSICS FOR SCIENCE & ENGINEERING I.** Laboratory experiments coordinated with lecture topics in Phys 211. Corequisite: Phys 211. (1)
- 222. LAB PHYSICS FOR SCIENCE & ENGINEERING II.** Laboratory experiments coordinated with lecture topics in Phys 212. Corequisite: Phys 212. Prerequisite: Phys 221. (1)
- 223. LABORATORY PHYSICS I.** Laboratory experiments coordinated with lecture topics in Phys 213. Corequisite: Phys 213. (1)
- 224. LABORATORY PHYSICS II.** Laboratory experiments coordinated with lecture topics in Phys 214. Corequisite: Phys 214. Prerequisite: Phys 223. (1)
- 303. PHYSICAL THEORY.** Physical principles of both classical and modern physics formulated as mathematical problems in differential and integral calculus. Intended for those who have taken Phys 213 and 214. Prerequisite: Math 262, Phys 214. (3)
- 308. MATHEMATICAL PHYSICS.** Application of differential equations, vectors, and other techniques to physical problems. Corequisite: Math 353. Prerequisite: Phys 212. (3)
- 309. THERMODYNAMICS.** General theory and applications of thermodynamics, kinetic theory, and statistical mechanics. Corequisite: Math 353. Prerequisite: Phys 212. (3)
- 310. MECHANICS.** Static and dynamic aspects of particle and rigid body mechanics, including Lagrange's equations and generalized coordinates. Prerequisite: Math 353, Phys 212. (3)
- 313. PHYSICS & BIOPHYSICS OF AIR & WATER.** The basic physical properties of air and water are described as well as the effect of these properties on various biological processes and organisms. Prerequisite: Phys 212 or Phys 214. (3)
- 315. RADIATION SCIENCE.** Introductory lectures and demonstrations on the interaction of radiation with matter with application to physical and biological systems. Prerequisite: Math 262, Phys 212 or Phys 214. (3)
- 317. INTRODUCTION TO MODERN PHYSICS I.** Introduction to relativity; atomic, molecular, and solid state physics. Corequisite: Math 263. Prerequisite: Phys 212. (3)

- 318. INTRODUCTION TO MODERN PHYSICS II.** Introduction to quantum mechanics, nuclear and elementary particle physics. Corequisite: Math 264. Prerequisite: Phys 317. (3)
- 319. OPTICS.** Intermediate description of electromagnetic wave propagation; topics in geometrical and physical optics including interference diffraction, polarization, and laser physics; lab exercises in physical and geometrical optics. Prerequisite: Math 262, Phys 212 or Phys 214. (4)
- 321. ELECTRONICS.** Introduction to applications in electronics for scientists. Passive components, ac circuit theory, transistors and amplifiers, operational amplifiers and applications. Prerequisite: Math 262, Phys 212 or Phys 214. (4)
- 401. ELECTROMAGNETIC THEORY I.** Electrostatics, electric and magnetic properties of matter, Maxwell's equations and their solutions, propagation and radiation of electromagnetic waves. Corequisite: Math 353. Prerequisite: Phys 212, Math 264. (3)
- 402. ELECTROMAGNETIC THEORY II.** Electrostatics, electric and magnetic properties of matter, Maxwell's equations and their solutions, propagation and radiation of electromagnetic waves. Prerequisite: Phys 401, Math 353. (3)
- 413. INTRODUCTION TO BIOPHYSICS.** Selected topics in biomechanics, bioelectricity, ionic and molecular transport, biophysical kinetics, radiation biophysics, body temperature regulation, and biophysical measurements and techniques. Prerequisite: Math 262, Phys 212 or Phys 214. (3)
- 415. RADIATION PHYSICS LABORATORY.** Selected experiments in radiation physics including scintillation and solid state detectors, interaction of radiation with matter and nuclear instrumentation. Prerequisite: Phys 315. (3)
- 417. MODERN PHYSICS LABORATORY.** Basic application of theories of measurement, instrumentation and error to laboratory research. Experiments in classical and modern physics, including measurements of fundamental constants, vacuum technology, Mossbauer effect, EST and Hall effect and advanced experiments in nuclear and particle physics. Prerequisite: Phys 317. (4)
- 422. DIGITAL ELECTRONICS & MICROPROCESSORS.** Introduction to digital techniques, logic circuits, registers and microcomputer basics; microprocessor interfacing to scientific instrumentation. Prerequisite: Phys 321. (3)
- 425. NUCLEAR & PARTICLE PHYSICS LABORATORY.** Experiments in radioactive decay, nuclear detectors, and instrumentation, including ionization, scintillation, and solid state detectors, electronic logic and timing circuits, and microprocessor controlled systems. Prerequisite: Phys 318. (3)
- 451. INTRODUCTION TO QUANTUM MECHANICS.** An introduction to nonrelativistic quantum mechanics; the Schrodinger equation and its application to simple systems. Prerequisite: Phys 308, Phys 318, Math 353. (3)
- 461. SENIOR SEMINAR.** A discussion of current topics in physics. Intended primarily for undergraduates. Prerequisite: instructor approval required. (1)
- 463. SENIOR RESEARCH PROJECT.** An individual research project involving an experimental or theoretical investigation for which a written report is required. Prerequisite: instructor approval required. (1-3)
- 464. SENIOR RESEARCH PROJECT.** An individual research project involving an experimental or theoretical investigation for which a written report is required. Prerequisite: Phys 463. (1-3)
- 498. SENIOR REVIEW.** A capstone course in which students review their overall knowledge of physics, solve problems involving all major areas of the undergraduate physics curriculum and develop their oral communication skills. Required for graduation as a physics major. Prerequisite: senior or above standing required. (2)
- 501. INTERMEDIATE ELECTROMAGNETIC THEORY I.** Electrostatics, electric and magnetic properties of matter. Maxwell's equations and their solution, propagation and radiation of electromagnetic waves. Students cannot receive credit for both Phys 402 and Phys 502. (3)
- 502. INTERMEDIATE ELECTROMAGNETIC THEORY II.** Electrostatics, electric and magnetic properties of matter, Maxwell's equations and their solutions, propagation and radiation of electromagnetic waves. Students can not receive credit for both Phys 402 and Phys 502. Prerequisite: Phys 501. (3)
- 503. SELECTED TOPICS IN PHYSICS I.** May be repeated for credit up to 9 hours. (1-3)
- 507. DIRECTED RESEARCH.** Guided experimental work for the development of research laboratory skills. Cannot be used for degree credit. May be repeated for credit. Z grade. (1-3)
- 510. RESEARCH SEMINAR.** Philosophy and principles of modern physics research. May be repeated for credit. Z grade. (1)
- 521. ACOUSTICS.** Mathematical description of sound propagation with various boundary conditions. (Same as Engr 515). Prerequisite: Phys 402 or graduate status. (3)



**522. ACOUSTICS LABORATORY.** A laboratory course to complement an acoustics lecture course; emphasis on a study of wave phenomena and acoustical measurements. Corequisite: Phys 521 or graduate status. (1)

**532. ADVANCED ACOUSTICS LABORATORY.** Advanced laboratory projects in acoustics involving experiments in sound measurement and analysis, vibration, transducers, architectural and underwater acoustics. Prerequisite: Phys 521 with minimum grade of C. (3)

**533. SURVEY OF TOPICS IN PHYSICS I.** Topics of special interest to teachers of life and physical sciences. Not applicable to a professional degree in physics. Prerequisite: instructor approval required. (3)

**534. SURVEY OF TOPICS IN PHYSICS II.** Topics of special interest to teachers of life and physical sciences. Not applicable to a professional degree in physics. Prerequisite: Phys 533. (3)

**551. THEORETICAL PHYSICS I.** Mathematical aspects of the theoretical formulation of classical and modern physics. Prerequisite: Phys 308 or graduate status. (3)

**552. THEORETICAL PHYSICS II.** Mathematical aspects of the theoretical formulation of classical and modern physics. Prerequisite: Phys 551. (3)

## **POLITICAL SCIENCE**

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Richard G. Forgette, Chair, 134 Deupree

[http://www.olemiss.edu/depts/political\\_science/](http://www.olemiss.edu/depts/political_science/)

### **American Politics and Government**

**100. ORIENTATION TO THE MAJOR.** An introduction to the department, its faculty and courses, exploring different perspectives of a contemporary political event. (1). (Z grade)

**101. INTRODUCTION TO AMERICAN POLITICS.** Constitutional principles of U.S. governmental framework. Political participation, electoral processes, political institutions. (3)

**300. JUDICIAL PROCESS.** Jurisprudence; actors and institutions of legal systems; civil and criminal processes; contemporary socio-legal issues. (3)

**303. THE AMERICAN PRESIDENCY.** Historical and comparative analysis of the presidency and other chief executive offices; functions, powers, relations with other political institutions. (3)

**304. AMERICAN LEGISLATIVE PROCESS.** Politics, processes, and structures of U.S. Congress; congressional elections and behavior of individual members of Congress. (3)

**305. JUDICIAL BEHAVIOR.** An analysis of judicial decision making, its influences and impact in trial and appellate courts in state and federal systems. (3)

**306. CONST. LAW I: SUPREME COURT & CONST.** Judicial review; inter-institutional relations; federalism; interstate commerce, taxing and spending, contract clauses, substantive due process. (3)

**307. CONST. LAW II: CIVIL LIB & CIVIL RIGHTS.** American legal and political freedoms; judicial policy making; criminal justice; civil rights. (Same as AAS 308). (3)

**308. VOTING AND POLITICAL PARTICIPATION.** Explanations of voter turnout; sociological, psychological, and economic perspectives on voter behavior. Prerequisite: Pol 251. (3)

**309. PUBLIC OPINION AND POLITICAL PSYCHOLOGY.** The formation and structure of political attitudes and mass belief systems; measurement of political opinions; social and psychological influences on opinion. Prerequisite: Pol 251. (3)

**310. POLITICAL PARTIES AND INTEREST GROUPS.** Nature of the organization and operation of political parties and interest groups; elections and political action committees. (3)

**311. POLITICAL COMMUNICATION.** An examination of American political communication. The role of the media, speechwriters, politicians, and the public in developing and transmitting political symbols and rhetoric. (3)

**316. STATE AND LOCAL GOVERNMENT AND POLITICS.** Role of state and local governments in the U.S. federal system; structure and functioning of governmental operations. Prerequisite: Pol 251. (3)

**317. MISSISSIPPI POLITICS.** Analysis of contemporary Mississippi politics and government. (3)

**318. POLITICS OF THE AMERICAN SOUTH.** An analysis of Southern politics that focuses on the region's unique political history, its transformation during the 20th century, and its importance to national politics. (3)

- 319. MINORITY POLITICS.** Studies of place of minorities in American politics. Examination of definitions of minority groups and minority politics; major American minority groups; and issues of conflict between minorities and the majority. Some comparative material also included. (3)
- 320. AFRICAN AMERICAN POLITICS.** Overview of issues in African American politics. Focuses on issues that affect African American political participation. (Same as AAS 320). (3)
- 365. COURT ADMINISTRATION.** Analysis of modern management of trial and appellate courts at state and federal levels. (3)
- 367. POLICY ANALYSIS.** Concepts, processes, methodologies, and issues involved in the application of systematic analysis to public policy. (3)

## Comparative Government and Politics

- 102. INTRODUCTION TO COMPARATIVE POLITICS.** Examination of non-American political systems, their significant political institutions, and their political behavior. (3)
- 321. POLITICS OF LATIN AMERICA.** A comparative survey of Latin American democracies focusing on several key themes; political culture and participation, political groups, government structures and policy making. (3)
- 322. POLITICS OF WESTERN EUROPE.** Analysis of the political systems and governmental processes of major Western European societies. (3)
- 323. POLITICS OF SUB-SAHARAN AFRICA.** Analysis of the political systems of sub-Saharan Africa and their development from the interaction of African and European social forces. (Same as AAS 315). (3)
- 324. POLITICS OF CHINA.** Analysis of China's political, economic, and social transitions. (3)
- 325. POLITICS OF SOUTHEAST ASIA.** Analysis of current systems of government and politics in Asian countries. (3)
- 326. POLITICS OF RUSSIA.** Basic principles, institutions, practices, and processes. (3)
- 329. TRANSITIONS TO DEMOCRACY.** An analysis of the theories, problems, and cases of transition and consolidation of democracy across the world. Review of theoretical approaches to and problems with the process of democratic transition and consolidation. (3)
- 340. POLITICS OF EAST ASIA.** Analyzes the political institutions, processes, and developments of political systems in East Asia. Specific attention to China, Japan, Republic of Korea, Democratic People's Republic of Korea, and Taiwan, as well as the relations among these nations. (3)
- 341. GERMAN POLITICS.** An examination of institutions, systems of representation, and public policy in West and East Germany 1945-1990, and in reunited Germany since 1990. (3)
- 342. POLITICS OF MEXICO AND CENTRAL AMERICA.** Analysis of the political, economic, and social development in Mexico and the Central American countries. (3)
- 343. COMPARATIVE DEMOCRATIC INSTITUTIONS.** Analysis of the central institutions of democratic governments and their politics. (3)
- 344. POLITICS OF ADV. INDUSTRIAL SOCIETIES.** An analysis of major issues and theories concerning advanced industrial societies, i.e., origins and initial institutional accommodations of social cleavages in the 19th century, postwar innovations, and challenges to postwar arrangements. Focuses on Europe, Japan, and United States. (3)
- 345. POLITICS OF SOUTH AMERICA.** Analysis of the political, economic, and social development in South American countries. (3)
- 346. WOMEN AND WORLD POLITICS.** A comparative analysis of women's political roles in countries around the world. (Same as G St 344). (3)
- 348. MIDDLE EAST POLITICS.** Power and politics in the Middle East (3)
- 382. COMPARATIVE LEGISLATIVE BEHAVIOR.** Comparative study of some of the important structures, functions, and processes of legislatures and legislative-like institutions in both western and non-western societies. (3)
- 383. COMPARATIVE ETHNIC POLITICS.** The course is an examination of ethnic issues in various political settings. The central question revolves around how nations address ethnic problems. Case studies will include European and non-European nations. (3)
- 384. WESTERN SOCIAL MOVEMENTS.** An analysis of theoretical issues concerning the emergence and impact of social movement in the context of the civil rights movement, feminism, ecology, and peace movements. (3)
- 386. EUROPEAN POLITICAL ECONOMY.** Political strategies and policies that underlie development of economic prosperity and political stability in Europe. (3)

**387. POLITICAL ECONOMY OF EAST ASIA.** Analyzes political and economic impacts of development strategies in open economies of East and Southeast Asia. (3)

## **International Relations**

**103. INTRODUCTION TO INTERNATIONAL RELATIONS.** Factors determining the conduct of international relations; foreign policy objectives and methods of achieving them; power politics versus collective security. (3)

**332. ETHNIC CONFLICT AND INTERNATIONAL TERRORISM.** A study of the sources, consequences of ethnic conflict, and international terrorism. (3)

**334. POLITICS OF THE WORLD ECONOMY.** Major issues and events in the politics of modern international economic history. Contending theoretical perspectives and political-economic systems are introduced. Prerequisite: Pol 103. (3)

**336. POLITICAL ECONOMY OF INT'L DEV.** Introduces major approaches in political economy of development, trade, foreign aid, debt, privatization, and high technology. Integrates approaches in international relations with problems of political economics. (3)

**337. ASIA IN WORLD AFFAIRS.** 19th century contacts between Asia and the West; the changing image of Asia; developments following World War II; Asia's challenge to the modern world. (3)

**338. FORMULATION OF AMERICAN FOREIGN POLICY.** The mechanisms and institutions involved in foreign policy formulation, including the impact and interaction of both governmental and nongovernmental groups. Covers the various modes of influence utilized in foreign policy and the current behavioral literature relevant to the policy-making process. (3)

**339. INTERNATIONAL CONFLICT.** Analysis of constraints and options regarding the use of military force. Subjects include possible forms of nuclear and limited war, escalation models and coercive bargaining techniques. (3)

**361. STRATEGIC CHOICE IN INTERNATIONAL RELATIONS.** Analysis of international conflict and cooperation using a rational, strategic decision-making approach. (3)

**363. WAR IN WORLD POLITICS.** Issues surrounding international conflict in the causes, conduct, and consequences of war. Prerequisite: Pol 103. (3)

**364. COMPARATIVE FOREIGN POLICY.** Examination of foreign policies in the context of specific nations, including the external and internal factors that shape foreign policy. Prerequisite: Pol 103. (3)

## **Political Analysis**

**251. INTRO TO POLITICAL SCIENCE METHODS.** Analysis of the basic conceptual tools and quantitative techniques used in political science. (3)

**352. QUANTITATIVE METHODS IN POL SCI.** Applications of advanced statistical methods in political research. Prerequisite: Pol 251. (3)

## **Honors, Internships, Colloquia, and Individual Study**

**380. TOPICS IN POLITICAL SCIENCE ABROAD.** Students do departmentally approved course work at a foreign university. May be repeated with permission of the chair of the Department of Political Science. (1-6)

**389. INTERNSHIP IN GOVERNMENT.** Internship in an approved agency or branch of government; book reports and written reports on internship required. Prerequisite: consent of instructor. (3-6). (Z grade)

**390. HONORS IN POLITICAL SCIENCE.** Selected topics and issues. (3)

**398. SPECIAL TOPICS IN POLITICAL SCIENCE.** Specific topic will vary. May be repeated once for credit. Prerequisite: consent of instructor. (3). (Z grade)

**399. READINGS AND RESEARCH IN POLITICAL SCIENCE.** May be repeated once for credit. Prerequisite: consent of instructor. (1-3)

**490H. DIRECTED READINGS IN POLITICAL SCIENCE.** Directed readings in political science toward completion of honors thesis. Prerequisite: honors students only. (3)

**491H. DIRECTED RESEARCH IN POLITICAL SCIENCE.** Directed research in political science toward completion of honors thesis. May be repeated once for credit with permission of department chair. Prerequisite: honors students only. (3)

**492. MOCK TRIAL.** Intercollegiate competition to develop and improve critical thinking and speaking skills in a courtroom setting. May be repeated for a maximum of 4 credits. Prerequisite: consent of department chair. (1). (Z grade)

**497. WASHINGTON POLICY PROCESS.** Readings and research on the development of public policy at the national level. May not be repeated for credit. (Same as PPL 497). (3)

## **PRODUCTION OPERATIONS MANAGEMENT** *See Management Information Systems/Production Operations Management.*

## **PSYCHOLOGY**

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Michael T. Allen, Chair, 205 George Peabody Building

<http://www.olemiss.edu/depts/psychology/>

### **PSY**

**100. ORIENTATION TO THE MAJOR.** An introduction to the Department of Psychology, its faculty and courses, with an emphasis on career planning and student development. Recommended for anyone considering psychology as a major. Z grade. (1)

**201. GENERAL PSYCHOLOGY.** Introduction: individual development, motivation, emotion, motor function, sensory and neural functions, intelligence, learning, perceiving, thinking, social behavior, and personality. (3)

**202. ELEMENTARY STATISTICS.** Introduction to descriptive and inferential statistics, including measures of central tendency and variability, correlation, t-tests and analysis of variance. Prerequisite: Math ACT 22 or Math 115 (or above). (3)

**203. SELF MANAGEMENT FOR YOUR PERSONAL LIFE.** The course will involve the presentation of information and exercises designed to facilitate the development of sexual and personal decision-making skills. Classes will be student-led and limited to 15 students. Topics will include communication skills, safe sex practices, AIDS/STDs, alcohol, date rape, and abstinence. (1)

**215. PSYCHOLOGY OF INSTRUCTIONAL TECHNOLOGY.** Theory and practice of individualized instructional systems. Prerequisite requirements for this course may also be satisfied by consent of instructor. Prerequisite: Psy 201, instructor approval required. (3)

**301. DEVELOPMENTAL PSYCHOLOGY.** Topically organized survey of all aspects of psychological development from infancy through adulthood. Prerequisite: Psy 201. (3)

**303. INTERMED. STATISTICAL METHODS FOR PSY.** Primarily inferential statistics. Bridges the gap between Elementary Statistics and the 500-level courses in psychological statistics. Includes a computer laboratory. Prerequisite: Psy 202. (3)

**308. INDUSTRIAL PSYCHOLOGY.** Methods of selecting work, adapting the worker to the job and increasing industrial effectiveness; the psychology of advertising; market research. Prerequisite: Psy 202. (3)

**309. LEARNING.** Introduction to basic laws and theories of learning. Prerequisite: Psy 201. (3)

**311. ABNORMAL PSYCHOLOGY.** The characteristics, causes, and treatment of abnormal behavior. Prerequisite: Psy 201. (3)

**313. EXPERIMENTAL ANALYSIS OF BEHAVIOR.** A unified account of human and animal behavior mainly in terms of learning and motivation; introduction to modern behavior theory. Prerequisite: Psy 201. (3)

**315. PERSONALITY.** Survey of the major theories of personality. Prerequisite: Psy 201. (3)

**317. TESTS AND MEASUREMENTS.** Various types of psychological tests and their uses; emphasis on group intelligence tests, aptitude tests, personality tests, and achievement tests. Prerequisite: Psy 202, Psy 201. (3)

**319. BRAIN AND BEHAVIOR.** Survey of brain mechanisms that underlie sensation and perception, motivation and emotion, learning and memory, and various clinical disorders. Prerequisite: Bisc 102 or Bisc 160 or Psy 201. (3)

**320. COGNITIVE PSYCHOLOGY.** A general survey of cognitive psychology emphasizing human perception and attention, human memory, language, and speech perception. Prerequisite: Psy 201. (3)

**321. SOCIAL PSYCHOLOGY.** The acquisition of social behaviors and their use in group situations. Prerequisite: Psy 201. (3)

**322. DRUGS AND BEHAVIOR.** Course covers nervous system functioning, basic principles of pharmacology and pharmacologic and behavioral effects of psychotherapeutic, and abused drugs. Prerequisite: 9 hours of Psy courses. (3)

**323. APPLIED BEHAVIOR ANALYSIS.** Introduction to current principles of learning and their application to the analysis of human behavior. Prerequisite: Psy 201. (3)

**324. SCIENCE OF EMOTION.** Survey of major theoretical traditions (e.g., cognitive, evolutionary, developmental, functional, physiological, social constructivist) for studying processes and mechanisms involved in the experience and expression of emotion. Prerequisite: 9 hours of Psy courses. (3)

**326. SENSATION AND PERCEPTION.** Survey of current theory and research in sensation and perception. Emphasis is on visual system. Topics include neurophysiology and neuropsychology of perception; perception of color, form, size, depth, and motion; audition; speech perception. Prerequisite: 9 hours of Psy courses. (3)

**327. PSYCHOLOGY AND LAW.** The interface of psychology and law, including family law, the courts, criminal behavior, and police. Prerequisite: Psy 201. (3)

**340. MULTICULTURAL PSYCHOLOGY.** An examination of cultural factors in human behavior, with a focus on American ethnic and cultural minorities; includes the changing ethnic profile in the United States; cultural variation in emotional, cognitive, and behavioral expressions; role of culture in service provision and moderator variables, e.g., racial identity and acculturation. Prerequisite: Psy 201. (3)

**390. LAB IN PSY: BEHAVIORAL NEUROSCIENCE.** Students learn basic research methods, conduct experiments, and report their findings by studying brain-behavior relationships. Prerequisite: Psy 201, Psy 202, and (Psy 319 or Psy 322). (3)

**392. LAB IN PSY: EXPERIMENTAL SOCIAL PSY.** Students learn basic research methods, conduct experiments and report their findings by studying behavior that occurs in the presence or the implied presence of others. Prerequisite: Psy 202, Psy 201, and one of the following: Psy 315 or Psy 321 or Psy 324 or Psy 340. (3)

**394. LAB IN PSY: COGNITION AND PERCEPTION.** Students learn basic research methods, conduct experiments and report their findings by studying thinking and perceptual processes via computer-based experiments. Prerequisite: Psy 202, Psy 201, and (Psy 320 or Psy 326). (3)

**396. LABORATORY IN PSYCHOLOGY.** Students learn basic research methods, conduct experiments, and report their findings by studying animal conditioning. Prerequisite: Psy 202, Psy 201, Psy 309. (3)

**401. UNDERGRADUATE INTERNSHIP IN PSYCHOLOGY.** Internship in approved work settings under professional supervision. May be taken for a maximum of 6 hours credit. Z grade. Prerequisite: instructor approval required. (1-3)

**405. MINOR RESEARCH PROBLEMS.** Participate in small research projects under direction of a faculty member. May be taken twice for credit. Z grade. Prerequisite: instructor approval required. (3)

**410. HEALTH PSYCHOLOGY.** A survey of psychological approaches to promoting physical health and treating medical illnesses. Prerequisite: 9 credit hours of Psy courses. (3)

**415. INTRODUCTION TO CLINICAL PSYCHOLOGY.** An overview of the field of clinical psychology and roles of clinical psychologists. Prerequisite: Psy 311 and one laboratory course (Psy 390 or Psy 392 or Psy 394 or Psy 396). (3)

**419. PSYCHOLOGY OF PARENTING.** Techniques of child management and stimulation of children's emotional and intellectual growth. Prerequisite: Psy 201. (3)

**420. SPECIAL TOPICS.** Independent study of topics of mutual interest to students and professor. Student must find a professor to supervise the study before registering. May be taken twice for credit. Prerequisite: instructor approval required. (3)

**425. ADVANCED ABNORMAL BEHAVIORAL PSYCH & LIT.** The works of authors with distinct psychiatric illnesses are studied to understand the influence of the disabilities on their lives and works. Prerequisite: Psy 201, Psy 311, Psy 202. (3)

**451. HISTORY AND SYSTEMS OF PSYCHOLOGY.** A survey of the history and philosophies of psychology since its beginning as a union of philosophy and physiology. Prerequisite: Psy 201, Psy 202. (3)

**460. PSYCHOLOGY OF HUMAN SEXUALITY.** A survey of behavioral, psychological, and physiological research on human sexuality. Prerequisite: Psy 201, Psy 202, and one of the following: Psy 390 or Psy 392 or Psy 394 or Psy 396. (3)

**475. TOPICS IN PSYCHOLOGY ABROAD.** Topics addressed and country destinations will vary. May be repeated once for credit with a change in topic or destination for a maximum of 6 credit hours. Prerequisite: Psy 201. (3)

**505. CONDITIONING AND LEARNING.** The general field of human and animal learning, including instrumental conditioning, classical conditioning, memory, and transfer. Prerequisite: 12 hours of Psy courses. (3)

**511. THE NEURAL BASIS OF LEARNING & MEMORY.** The course will focus on habituation in the Aplysia; classical conditioning and the cerebellum; theories of hippocampal function—animal studies; temporal lobe amnesia in humans; memory impairments associated with Alzheimer's and Huntington's disease. (3)

**519. GROUP DYNAMICS.** Factors affecting political and social efficiency. Prerequisite: Psy 321. (3)

**530. SINGLE SUBJECT & SM GRP RESEARCH DESIGN.** Prerequisite: Psy 505, 12 hours of Psy courses. (3)

**531. SENSATION AND PERCEPTION.** A survey of classical psychophysical methods, signal detection theory, and sensory psychophysiology. Prerequisite: 12 hours of Psy courses. (3)

**532. ATTENTION AND CONSCIOUSNESS.** The seminar explores the nature and underlying mechanisms of attention and consciousness. Topics include theories of attention and consciousness, attention and duration judgment, philosophical perspective on consciousness, subliminal perception, implicit learning, and animal consciousness. Prerequisite: instructor approval required. (3)

**541. MENTAL RETARDATION & DEVEL DISORDERS I.** Structural aspects of reduced function including genetic, glandular, neurological, and psychological considerations. Prerequisite: 12 hours of Psy courses. (3)

**543. MENTAL RETARDATION & DEVEL DISORDERS II.** Behavioral inadequacies, including intellectual, social, motivational, emotional, and learning dysfunctions. Prerequisite: Psy 541. (3)

**553. THEORIES OF LEARNING.** Theories of Thorndike, Pavlov, Guthrie, Skinner, Hull, and Tolman. Prerequisite: 12 hours of Psy courses. (3)

**561. CROSS-CULTURAL TRAINING.** The course will survey cross-cultural training programs designed to introduce people from one cultural background to ways of interacting effectively in a culture other than their own. (3)

**575. PSYCHOSOCIAL ASPECTS OF AGING.** Introduction to gerontology with a foundation in biological, psychosocial, and behavioral aspects of aging; emphasis on current research and experience working with older adults. (Same as SW 575). (3)

## **PUBLIC POLICY LEADERSHIP**

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Robert J. Haws, Chair, 105 Odom Hall

<http://www.olemiss.edu/depts/leadership>

### **PPL**

**101. FOUNDATIONS OF PUBLIC POLICY LEADERSHIP.** Theories and principles of public policy formation, implementation, and assessment. (3)

**210. PUBLIC POLICY & QUANTITATIVE ANALYSIS.** Applications of quantitative analysis in the study of social, political, and economic problems. Students may not receive credit for both this course and Pol 251. (3)

**212. CRITICAL THINKING, COMM & PUBLIC POLICY.** Principles and methods of critical thinking and effective oral and written communication. (3)

**300. PUBLIC POLICY AND ETHICS.** Analysis of the common good with emphasis on ethical standards that should define and constrain the state's pursuit of a just society. Prerequisite: PPL 101. (3)

**320. ISSUES IN GLOBAL ECONOMICS.** Application of microeconomic and macroeconomic tools to analyze current global issues, including market interdependence, trade disputes and liberalization, currency realignment, economic policy coordination, and the causes and consequences of recent international economic crises. (Same as Econ 320). Prerequisite: Econ 202 with minimum grade of C, Econ 203 with minimum grade of C. (3)

**331. POLITICAL PHILOSOPHY.** Theories of the state and the just society from J.S. Mill to the present. (Same as Phil 331). (3)

**340. PHILOSOPHICAL FOUNDATIONS OF HUMAN RIGHTS.** Origins and challenges for the concept of and practices related to human rights; understanding of conflicts that divide Western and non-Western ideologies regarding individuality, liberty and justice. (3)

**342. PHILOSOPHY & DIVERSITY IN PUBLIC POLICY.** Introduction to diverse contemporary ethical frameworks; consideration of policies which address diversity inherent in democratic, open societies. (3)

**345. ENVIRONMENTAL ETHICS.** Ethical implications of environmental problems such as the endangerment of species and the disruption of fragile ecosystems. (Same as Phil 345). (3)

**370. PHILOSOPHY OF LEADERSHIP.** Examination of classic texts dealing with leadership and politics. (3)

**380. WORLD REGIONS: GEOGRAPHY AND POLICY.** Examination of the major forces of global change and their implications for public policy within the context of a comparative study of major world regions. (3)

**381. GLOBAL ENVIRONMENTAL ISSUES.** Interdisciplinary study of environmental issues facing the contemporary world and the role of public policy in addressing them. Employs integrated, human/environmental interaction perspective on issues including energy, climate, pollution, resources, technology and biodiversity. (3)

**382. GEOGRAPHY OF RELIGION AND BELIEF SYSTEMS** Introduction to religious and non-religious belief systems around the world along with an exploration of interactions among and between them with specific study of policy implications and foundations for conflict and cooperation. (3)

**496. TOPICS IN PUB POLICY LEADERSHIP ABROAD.** Students complete departmentally approved course work abroad. May be repeated once with permission of the department chair. Prerequisite: consent of department chairperson required. (1-6)

**497. WASHINGTON POLICY PROCESS.** Reading and research on the development of public policy at the national level. May not be repeated for credit. (Same as Pol 497). Prerequisite: junior standing required. (3)

**498. SPECIAL TOPICS.** Readings and research in public policy and leadership studies. May be repeated once for credit. Prerequisite: PPL 101, PPL 210, PPL 212. (3)

**499. INTERNSHIP.** Z grade. Prerequisite: junior standing required, consent of department chairperson required. (3-6)

**RADIO AND TELEVISION** *See the Department of Journalism.*

**READING** *See the Department of Curriculum and Instruction.*

**RELIGIONS** *See the Department of Philosophy and Religion.*

**ROTC PROGRAMS** *See Aerospace Studies; Military Science and Leadership; and Naval Science.*

## **SALLY MCDONNELL BARKSDALE HONORS COLLEGE**

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Douglass Sullivan-Gonzalez, Dean, Barksdale Honors College Building  
<http://www.honors.olemiss.edu/>

### **HON**

**100. HONORS SEMINAR.** A course that concentrates on building critical thinking, problem solving, and self-initiated discovery. For SMBHC summer scholars only. Prerequisite: limited to students in the Sally McDonnell Barksdale Honors College. (3)

**101. FRESHMAN HONORS I.** Honors core courses. Required of honors graduates. Prerequisite: limited to students in the Sally McDonnell Barksdale Honors College. (3)

**102. FRESHMAN HONORS II.** Honors core courses. Required of honors graduates. Prerequisite: limited to students in the Sally McDonnell Barksdale Honors College. (3)

**201. HONORS COLLOQUIUM.** Topics will vary according to the needs and wishes of honors students. May be repeated for credit for a maximum of 6 hours, as long as content is different. Prerequisite: limited to students in the Sally McDonnell Barksdale Honors College. (3)

**301. HONORS INDIVIDUAL-BASIS STUDIES.** Content varies. May be repeated for credit to a maximum of 6 hours. Prerequisite: limited to students in the Sally McDonnell Barksdale Honors College. (1-6)

**302. HONORS INDIVIDUAL-BASIS STUDIES.** Content varies. May be repeated for credit to a maximum of 6 hours. Prerequisite: limited to students in the Sally McDonnell Barksdale Honors College. (1-6)

**391. HONORS CONVERSATIONS I.** Discussion fueled by selected texts and conversations with people across the globe, chosen to challenge students in their analysis of current debates and to engage their intellectual curiosity. May be repeated once for credit, but not with the same instructor. Prerequisite: limited to students in the Sally McDonnell Barksdale Honors College, sophomore standing required. (1)

**401. SENIOR HONORS RESEARCH.** Content varies. May be repeated for credit to a maximum of 6 hours. Prerequisite: limited to students in the Sally McDonnell Barksdale Honors College. (3)

**402. SENIOR HONORS RESEARCH.** Prerequisite: limited to students in the Sally McDonnell Barksdale Honors College. (3)

**SECONDARY EDUCATION** *See the Department of Curriculum and Instruction.*

**SOCIAL SCIENCE** *See the College of Liberal Arts section on Departmental Major and Minor Requirements.*

## **SOCIAL WORK**

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Carol M. Boyd, Chair, 231 Hume Hall

<http://www.olemiss.edu/depts/socialwork>

### **SW**

**233. JUVENILE CORRECTIONS.** History and development of corrections for youthful offenders; organization of juvenile courts and related services; emphasis on working with oppressed populations in these systems. (3)

**315. INTRODUCTION TO SOCIAL WORK.** An introductory systems approach to the professional and ethical knowledge, value, and skill base necessary for understanding generalist social work and the American social welfare system. Prerequisite: Psy 201, Soc 101. (3)

**316. SOCIAL WELFARE POLICY I.** First of a two-part social welfare policy sequence. Review of the history, mission, and philosophy of social welfare. Consideration of major policy areas. Role of policy toward achievement of social justice and optimal health and well being for oppressed populations. Prerequisite: SW 315 with minimum grade of C, Pol 101, 6 hours of history electives. (3)

**321. HUMAN BEHAV. AND THE SOC. ENVIRONMENT I.** First of two courses that utilize biological, psychological, social, and cultural perspectives to examine human growth and development across the life span. Covers conception through adolescence. Considers the impact of families, groups, organizations, and communities upon development and behavior. Prerequisite: Soc 101, Bisc 102, Psy 201. (3)

**322. HUMAN BEHAV. AND THE SOC. ENVIRONMENT II.** Second of two courses that utilize biological, psychological, social, and cultural perspectives to examine human growth and development across the life span. Covers early through late adulthood. Considers the impact of families, groups, organizations, and communities upon development and behavior. Prerequisite: SW 321 with minimum grade of C. (3)



**325. THE HELPING PROFESSIONAL IN HEALTH SETTING.** An elective course to study the dynamics of illness, death, and grief, the psychological aspects of patient care within the health care system, common health care practices and terminology, and the roles of social workers and other helping professionals within the health care system. (3)

**326. GERONTOLOGY: SOCIAL WELFARE ASPECTS.** An elective course to study the aging processes and the social and personal adjustments accompanying this stage; examination of implications for social welfare planning and social service provision. (3)

**335. SOCIAL WORK PRACTICE I.** First in a sequence of four social work practice courses. An introduction to oral and written communication theories and skills utilized in establishing relationships, data gathering, and conducting assessments essential for generalist social work intervention with diverse individual, family, group, organizational, and community systems. Attention to ethical practice. Prerequisite: SW 315 with minimum grade of C, SW 321 with minimum grade of C, SW 339 with minimum grade of C, enrollment restricted to social work majors. (3)

**339. RESEARCH WRITING.** An introduction to professional, scholarly writing for social work education, which focuses on research reports, editing, proofreading, and manual/computerized research techniques. Intended for social work majors prior to enrollment in SW 335. Corequisite: SW 315, SW 321. Prerequisite: Engl 101, Engl 102. (1)

**340. SOCIAL WORK RESEARCH.** Research terminology, types and purposes of research, and research design. Role of research in evaluation of social work practice. Formulation and examination of research questions, reaching valid conclusions, reporting results, basic data analysis techniques, quantitative vs. qualitative methods, and ethics in research. Prerequisite: SW 315 with minimum grade of C, SW 321 with minimum grade of C, SW 339 with minimum grade of C, Math 121 or Math 123 or Math 261 or Math 267. (3)

**402. CHILD WELFARE POLICIES.** Organization and components of child welfare services in a diverse society; examination of current problems, trends, and populations at risk. (3)

**417. SOCIAL WELFARE POLICY II.** Second part of a two-part social welfare policy sequence. Emphasis on the interconnectedness of social welfare policy and social work practice. Examination of the social worker's role in policy formulation. Exploration of current and proposed social welfare legislation, and analysis of social welfare policies. Prerequisite: SW 316 with minimum grade of C. (3)

**427. PSYCHOSOCIAL ASPECTS OF LOSS, DEATH, GRIEF.** This course provides content on psychosocial aspects of loss, death, dying, and bereavement with emphasis on how the dying process relates to adaptive process of living. (3)

**428. SOCIAL ASPECTS OF CHILDREN AT RISK.** This course will explore the context of child development in family systems exposed to various social and family problems. The class will discuss issues that are risk factors for children. Ideas regarding parenting and social environments that promote healthy, optimal development for children will be discussed. (3)

**436. SOCIAL WORK PRACTICE II.** Second in the series of four practice courses. Utilization of the generalist problem-solving model for interventions with individuals and families. Particular attention to oppressed populations and ethical practice. Prerequisite: SW 335 with minimum grade of C, enrollment restricted to social work majors. (3)

**437. SOCIAL WORK PRACTICE III.** Third in the series of four practice courses. Utilization of the generalist problem-solving model for social work with groups, with attention to achieving social justice for oppressed populations. Attention to ethical practice. Prerequisite: SW 335 with minimum grade of C, enrollment restricted to social work majors. (3)

**438. SOCIAL WORK PRACTICE IV.** Fourth in the series of four practice courses. Utilization of the generalist problem-solving model for social work with organizations and communities, with attention to achieving social justice for oppressed populations. Attention to ethical practice. Prerequisite: SW 335 with minimum grade of C, enrollment restricted to social work majors. (3)

**450. FIELDS OF SOCIAL WORK.** An examination of specific social work professional settings, to assist students in decision making about internship options. To be taken in the semester prior to internship. Prerequisite: enrollment restricted to social work majors. (1)

**459. DIRECTED STUDY IN SOCIAL WORK.** Individual study in specialized areas. Prerequisite: enrollment restricted to social work majors. (3)

**460. DIRECTED STUDY IN SOCIAL WORK.** Individual study in specialized areas. Prerequisite: instructor approval required. (3)

**495. SOCIAL WORK INTERNSHIP.** Internship to facilitate the integration of curriculum content through supervised experiences with diverse client systems. Internship locations limited to

departmentally approved settings in Mississippi and Shelby County, Tennessee. Z grade. Corequisite: SW 496. Prerequisite: enrollment restricted to social work majors. (9)

**496. INTERNSHIP SEMINAR.** Integrative seminars designed to foster critical linkages between classroom instruction and field experiences, provide students an opportunity to discuss mutual concerns, and focus on achieving internship objectives. Corequisite: SW 495. Prerequisite: enrollment restricted to social work majors. (3)

**498. SPECIAL TOPICS.** Content varies. May be repeated once for credit. Prerequisite: SW 315 with minimum grade of C, SW 321 with minimum grade of C. (3)

**575. PSYCHOSOCIAL ASPECTS OF AGING.** Introduction to gerontology with a foundation in biological, psychosocial, and behavioral aspects of aging; emphasis on current research and experience working with older adults. (Same as Psy 575). (3)

## **SOCIOLOGY AND ANTHROPOLOGY**

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Kirsten A. Dellinger, Chair, 103 Leavell Hall

[http://www.olemiss.edu/depts/soc\\_anth/](http://www.olemiss.edu/depts/soc_anth/)

### **Anthropology-ANTH**

**101. INTRODUCTORY CULTURAL ANTHROPOLOGY.** Anthropology is the holistic study of human life throughout time and across the world. This course focuses on the cultural characteristics of human groups that are examined through ethnology, linguistic anthropology, and related subfields. (3)

**102. INTRO TO ARCHAEOLOGY & BIOLOGICAL ANTH.** This course provides a broad overview of the methods and concepts used by archaeologists and bioanthropologists in studying human evolution and explores the development of cultural and biological variation among human groups over time. (3)

**103. TOPICS IN ANTHROPOLOGY.** Selected topics in anthropology. Content varies. (May be repeated for credit). (3)

**301. HISTORY OF CULTURE.** Origins of culture traced by means of archaeological evidence and presented to show the continuity of social life from basic human beginnings to present-day civilization. (Same as G St 302). (3)

**302. ANTHROPOLOGICAL FILMS.** This course examines the use of films in anthropology. (3)

**303. CULTURAL ANTHROPOLOGY.** In this course, students will examine the fundamental principles, concepts, and methods used in cultural anthropology and ethnographic work. (3)

**304. BIOLOGICAL ANTHROPOLOGY.** This course draws on data from studies of primate behavior, human paleontology, and population genetics in order to explore the course of human evolution and the nature of biological variation in modern humans. (3)

**305. ARCHAEOLOGY.** Archaeology is the subfield of anthropology that studies people through the recovery and analysis of their material and physical remains. This course outlines the history of archaeology, its methods, and contributions to understanding humankind. (3)

**306. ARCHAEOLOGY OF THE ANCIENT CELTS.** This course introduces students to the archaeological and anthropological study of ancient Celtic populations living in Central and Western Europe from 1000 B.C. to A.D. 500 and examines their cultural impact on the western world. (3)

**307. PEOPLES OF AFRICA.** This course examines the peoples of modern Sub-Saharan Africa, including patterns of African religions, the arts, politics, economics, and societies. (Same as Aas 307). (3)

**308. ARCHAEOLOGY OF DEATH AND BURIAL.** Using both ethnographic and archaeological sources, this course focuses on the way in which archaeological data from mortuary practices can be used to answer questions about ancient social organizations. (3)

**309. INDIANS OF MISSISSIPPI AND THE SOUTH.** Review of the archaeological and ethnographical prehistory of such groups as the Choctaw, Chickasaw, and Natchez. (3)

**310. PEOPLES OF THE PACIFIC.** In this course, students will engage in a comparative study of the island cultures of Polynesia, Melanesia, Micronesia, and Australia at the time of European contact. (3)

**311. TOPICS IN ANTHROPOLOGY.** Selected topics in anthropology. The content will vary. May be repeated once for credit. (3)

- 312. MUSLIMS IN THE WEST.** This course explores the diversity of Muslims and Islam in Europe and the United States from the holistic and comparative perspective of cultural anthropology. Students will integrate the religious, socio-economic, political, as well as the cultural and daily aspects of life to understand different ways of being Muslim in multicultural Western societies. (3)
- 313. INTRODUCTION TO LINGUISTIC SCIENCE.** The study of human language. (Same as Ling 313). (3)
- 317. INDIANS ON THE SOUTHERN FRONTIER.** Examines the place of Native Americans in the South during the frontier era (A.D. 1500-1840), focusing on the changes in Native American life once they became incorporated into the larger world as a result of European colonization. (3)
- 319. ENVIRONMENTAL HISTORY OF THE SOUTH.** Explores the changes in the Southern environment from the prehistoric era to the modern era, focusing on issues of human/environment interaction, changing patterns of land use, and the subsequent changes in the environment. (3)
- 323. INDIANS OF NORTH AMERICA.** Representative cultures and culture areas of North America; their relationships and differences. (3)
- 325. INDIANS OF MIDDLE AMERICA.** This course will survey the contemporary Native American populations of Mexico and northern Central America with an emphasis on the Maya, Mixtec and Nahuatl peoples. (3)
- 326. ARCHAEOLOGY OF MAYA CIVILIZATION.** The origins and prehistory of Maya society; classic Maya civilization, its art, writing, and social organization. (3)
- 327. INDIANS OF SOUTH AMERICA.** Representative cultures and culture areas of South America; their relationships and differences; the Inca and other ancient civilizations of the Andes. (3)
- 329. ARCHAEOLOGY & ETHNOHISTORY OF AZTEC EMPIRE.** The archaeology and ethnohistory of the Aztec Empire and contemporary societies in the central highlands of Mexico. (3)
- 330. ENVIRONMENTAL ANTHROPOLOGY.** The course introduces students to the relationship between humans and the natural world. Students will look at the range of human production strategies such as hunting and gathering or engagement in capitalist economics and how these strategies function in the face of contemporary environmental and economic challenges. The course also pays special attention to some of the varied meanings of the natural world. (3)
- 331. AMERICAN INDIANS AND THE NATURAL WORLD.** This course examines the relationship between American Indians and the natural world, including how this relationship changed over time as Native peoples responded to environmental changes and other historical forces. (3)
- 334. INTRODUCTION TO FIELD WORK TECHNIQUES.** Examination of the theory, practice, and tradition of documentary field research, including the use of photography, film and video, and tape recorders. Special emphasis on documentary study of the American South. (Same as S St 334). (3)
- 335. ARCHAEOLOGICAL FIELD SESSION.** Intensive training in archaeological survey and excavation techniques and analysis of archaeological materials. (6)
- 337. ANTHROPOLOGY OF BLUES CULTURE.** This course examines the blues in all its myriad social and cultural roles and contexts, using the anthropological models and approaches of the oral and musical arts, linguistics, ethnohistory, ethnography, religion and ritual analysis among others. (Same as Aas 337). (3)
- 341. FRAUDS, MYTHS, AND MYSTERIES.** Did Atlantis exist? Did ancient astronauts visit the Earth and introduce advanced technology? Topics such as these are investigated, comparing explanations offered by the pseudoscientific approach to those advanced by the scientific methods employed by archaeologists. (3)
- 353. LANGUAGE AND CULTURE.** Interrelations between language, thought, and culture; role of language in cognition; practical studies. (Same as Ling 353). (3)
- 390. BIOARCHAEOLOGY ABROAD.** Students learn bioarchaeological methodology and practice application in a field setting. Instruction focuses on excavation and forensic analysis of human remains from archaeological contexts. (3)
- 391. ARCHAEOLOGICAL FIELD SESSION ABROAD.** Students learn archaeological methodology and practice application in a field setting. Instruction focuses on excavation techniques, mapping, data recording, and laboratory analysis of artifacts. Prerequisite: instructor approval required. (3)
- 394. MESOAMERICAN ART.** Interdisciplinary approach to the history of the arts of Mesoamerica, from 1500 B.C.E. to the Spanish conquest, covering Olmec, Maya, Mixtec, and Aztec civilizations. (Same as AH 394). (3)
- 404. SOUTHERN FOLKLORE.** History and contemporary role of folk culture in the South as shown in ballads, folk tales, religion, and folk arts and crafts. (3)
- 409. ANTHROPOLOGICAL THEORY.** This course will provide a historical overview of the major theoretical trends in anthropology. (3)

- 504. HUMAN OSTEOLOGY.** This laboratory-based seminar focuses on teaching students methods of identification and analysis of human bone from archaeological sites. (3)
- 506. METHODS IN ETHNOHISTORY.** Examines the cross-disciplinary concepts and methods to reconstruct the past of people who left no written record. (3)
- 507. THE ARCHAEOLOGY OF LANDSCAPE.** This course is an exploration of the economic, social, political, and ideological dimensions of natural and cultural landscapes. Students will read and discuss approaches from critical geography, social theory, anthropology, archaeology, and related disciplines. (3)
- 508. SHATTERZONE: THE CONSEQUENCES OF CONTACT.** This course examines the consequences of contact on the native inhabitants of the southeastern United States and the subsequent social and cultural transformations that followed. (3)
- 511. CROSS-CULTURAL STUDIES IN ETHNOGRAPHY I.** Comparative study of the cultural areas of the world, emphasizing the effects of ecology in the differential development of culture. Prerequisite: instructor approval required. (3)
- 512. CROSS-CULTURAL STUDIES IN ETHNOGRAPHY II.** Comparative study of the cultural areas of the world, emphasizing the effects of ecology in the differential development of culture. Prerequisite: instructor approval required. (3)
- 541. INDIVIDUAL STUDY PROJECT.** Prerequisite: instructor approval required, senior or above standing required. (3)
- 571. LABORATORY METHODS IN ANTHROPOLOGY.** An overview of the analytical techniques of archaeology, emphasizing their development, application, and literature. (1-6)
- 572. LAB METHODS IN ANTH.: QUANTITATIVE TECH.** An examination of the theory and techniques of quantitative analysis in anthropology with particular emphasis on practical application. (3)
- 595. SEMINAR IN LINGUISTICS.** (Same as Ling 595). (3)

## Geography-GEOG

- 101. PRINCIPLES OF GEOGRAPHY I.** An examination of geographic factors that influence cultural and economic diversity. (3)

## Sociology-SOC

- 101. INTRODUCTORY SOCIOLOGY I.** Concepts and methods necessary for studying society. (3)
- 301. THE FAMILY.** The American family as an institution and a group of interacting persons; the nature and problems of courtship, husband-wife, and parent-child relationships. (Same as G St 303). Prerequisite: Soc 101. (3)
- 303. THE SOCIOLOGY OF DEATH AND DYING.** Definitions and taxonomies of death. Changing attitudes and practices toward and locations for death. Death as an "official," structural, interpersonal, and private event. Passing through "passing on": stages in and the organization of death. Death and identity: physical, psychological, and social autopsies. (3)
- 307. URBAN SOCIOLOGY.** The city as the nucleus of modern industrial society; its institutions, populations, ecology, and problems. Prerequisite: Soc 101. (3)
- 311. SOCIAL PROBLEMS.** The concept of social problems as a moral construct. Theoretical approaches to identifying social problems. Analysis of some currently defined major problems of U.S. society (e.g., environmental degradation, war and militarism, violence and crime) arguments for remediation, approaches to policy. Prerequisite: Soc 101. (3)
- 313. SOCIAL MOVEMENTS.** Covers civil rights, global justice, feminist, conservative, environmentalist, and sexual identity movements. How movements emerge, why people participate, tactics, ideology, how groups frame issues, culture and lifestyle, authorities' response, and the role of religion. Prerequisite: Soc 101. (3)
- 315. LEISURE AND POPULAR CULTURE.** This course will survey contemporary theories of popular culture and provide critical analysis of various aspects of popular culture such as music, television, fast food, fashion, theme parks, advertising, malls, tourism, recreation, shopping, and the Internet. (3)
- 317. THE SOCIOLOGY OF LITERATURE.** An analysis of the organization, production, distribution, labeling, and consumption of literature as art. Topics include types of literature; audiences; the culture and commerce of publishing; socialization of artists; and criticism. (3)

**321. SCIENCE, TECHNOLOGY, AND SOCIETY.** An examination of the nature of relationships that exist between the development of a civilization and science as a concept and as a method, combined with technology as a series of engineering discoveries and inventions. (3)

**323. OCCUPATIONS AND PROFESSIONS.** Selected occupational roles ranging from unskilled labor through the professions; requirements, rewards, and social adjustments from training to retirement. Prerequisite: Soc 101. (3)

**325. SOCIOLOGY OF GENDER.** Examines the social and cultural construction of gender differences in contemporary U.S. society, focusing on the social history of gender roles and gender inequality in current cultural and institutional practices. (Same as G St 325). Prerequisite: Soc 101. (3)

**329. IDENTITIES, INTERACTION & SOC. BEHAVIOR.** In this course, students will examine individual identity and social life: what defines who we are, how we live, and how we participate in society. This course will analyze personal styles and our attitudes toward our bodies, politics and global society. Prerequisite: Soc 101. (3)

**333. JUVENILE CORRECTIONS.** Causative factors in home, school, and community; extent of the problem; methods of prevention and treatment. Prerequisite: Soc 101. (3)

**334. INTRODUCTION TO FIELD WORK TECHNIQUES.** Examination of the theory, practice, and tradition of documentary field research, including the use of photography, film and video, and tape recorders. Special emphasis on documentary study of the American South. (Same as S St 334). (3)

**335. THE SOCIOLOGY OF FOOD.** An examination of the socio-cultural, economic, and political aspects of food production, distribution, and consumption. Topics include group identities and food choices, the role of food in family activities, food in media, food fads, food as a manufactured product, and food as a global issue. (3)

**345. POPULATION TRENDS AND PROBLEMS.** Population distribution, composition, growth, migration, vital processes, and problems. Prerequisite: Soc 101. (3)

**349. APPLIED DEMOGRAPHY.** Essentials of demography (data sources, population composition, structure, change, and distribution) and their application to the needs of government and business. (3)

**351. SOCIAL CHANGE.** Nature of theories of social change; causes and types of social change; the social effects of invention in the modern world and the adjustments of contemporary social institutions to technological change. Prerequisite: Soc 101. (3)

**353. SOCIOLOGY OF INTERNATIONAL DEVELOPMENT.** Examines the central social scientific theories regarding the economic, political, and social development of nations. Focus on the evaluation of different approaches to international development in theory and practice. Prerequisite: Soc 101. (3)

**359. SOCIOLOGY OF GLOBALIZATION.** Examines the causes and consequences of globalization from an interdisciplinary perspective. Focus on the evolution of the global economy, the formation of international political structures, and the emergence of global culture. Prerequisite: Soc 101. (3)

**361. THE SOCIOLOGY OF EDUCATION.** The school as a social system; function and role of education in contemporary society; major trends. Prerequisite: Soc 101. (3)

**365. METHODS OF SOCIAL RESEARCH.** An introduction to social science research. Topics include conceptualization and research design, sampling, measurement, data collection and analysis, and the logic of scientific inference within one or more of the research techniques used by sociologists (survey research, field research, historical and comparative research, content analysis etc.). Prerequisite: Soc 101. (3)

**399. DEVIANCE AND YOUTH SUBCULTURES.** Students learn theories of deviant behavior and how issues of race, social class, gender, and sexuality emerge in youth subcultures. Students study various subcultures such as hip hop, tattoos and body modification, skinheads, punk, heavy metal, virginity pledging, and video gaming. Prerequisite: Soc 101. (3)

**409. THE SOCIOLOGY OF KNOWLEDGE.** Relationships between the origin, nature, methods, and limits of human knowledge and the character and structure of society. Prerequisite: Soc 101. (3)

**411. ENVIRONMENT, TECHNOLOGY AND SOCIETY.** This course will explore the ways people relate to their natural environments. Topics may include economic production and consumption, culture and knowledge, mass media and environmental justice. Prerequisite: Soc 101. (3)

**413. RACE AND ETHNICITY.** Economic, political, cultural, and historical dimensions of contemporary racial and ethnic relations in both U.S. and international contexts. (Same as Aas 413). Prerequisite: Soc 101. (3)

**427. SOCIAL STRATIFICATION.** Theories of stratification, class, social status, gender and conceptions of power. Empirical findings on the distribution of wealth and income in the United

States, their concentration, income disparities for women and minorities, poverty and upward mobility. Federal tax policies and spending priorities as they affect life chances. Prerequisite: Soc 101. (3)

**431. CRIMINOLOGY.** Crime and delinquency; their causes, prevention, and treatment; nature, types, and extent of crime; preventive and correctional programs. Prerequisite: Soc 101. (3)

**451. TOPICS IN SOCIOLOGY.** Content varies. May be repeated for credit. (3)

**466. POLITICAL SOCIOLOGY.** A sociological examination of power, politics, and ideas. An emphasis on theories of power, processes of political influence, the legitimization of authority and inequality, ideologies of movement for social change, mass media and public opinion. Prerequisite: Soc 101. (3)

**468. SOCIOLOGICAL THEORY.** An introduction to the ideas of 19th and 20th century sociological theorists such as Marx, Weber, Durkheim, Mead and the orientations of major schools of contemporary sociological theory. Prerequisite: Soc 101. (3)

**498. PROFICIENCY IN SOCIOLOGY.** A self-study review of the basic subject areas of sociology and an assessment of student knowledge of the field used to evaluate basic knowledge gained in the undergraduate sociology curriculum. (0)

**501. STATISTICS.** Introduction to descriptive and sampling statistics; emphasis on measures of central tendency, dispersion, linear correlation, and parametric tests of significance. (3)

**502. SOCIAL RESEARCH METHODS.** In this course, students will critically analyze the assumptions, strengths, and limitations of different research methods in order to develop a researchable sociological question, write a research proposal, and carry out an actual research project. Prerequisite: Soc 501. (3)

**531. LECTURES IN COMMUNITY ORGANIZATION.** Theoretical and pragmatic aspects of community problems and development. (3)

**545. SEMINAR IN POPULATION STUDIES.** Population distribution, composition, growth, migration, vital processes, and problems. (3)

**552. INDIVIDUAL STUDY PROJECT.** Prerequisite: instructor approval required. (3)

**625. CURRENT DEBATES IN GENDER.** Examines the social and cultural construction of gender differences in contemporary U.S. society, focusing on the social history of gender roles and gender inequality in current cultural and institutional practices. (3)

## SOUTHERN STUDIES

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Ted M. Ownby, Director, Barnard Observatory

<http://www.olemiss.edu/depts/south/>

### S ST

**101. INTRODUCTION TO SOUTHERN STUDIES I.** Defines the Southern region by studying its people, environment, and culture. (3)

**102. INTRODUCTION TO SOUTHERN STUDIES II.** The development of the Southern region, with emphasis on the economy, social structure, politics, and arts. (3)

**303. WOMEN IN THE SOUTH.** A study of the experiences of women in the south as revealed through their writings and other expressions. (Same as His 336). (3)

**334. INTRODUCTION TO FIELD WORK TECHNIQUES.** Examination of the theory, practice, and tradition of documentary field research, including the use of photography, film and video, and tape recorders. Special emphasis on documentary study of the American South. (Same as Aas 334, Anth 334, Soc 334, Art 334). (3)

**401. SOUTHERN STUDIES SEMINAR: SOCIETY.** An interdisciplinary seminar that examines the South through a close study of social groups, social structures, and social forces. Prerequisite: S St 101, S St 102. (3)

**402. SOUTHERN STUDIES SEMINAR: CULTURE.** An interdisciplinary seminar that explores the South's past and the contemporary era, focusing on the literature, music, folklore, art and architecture, religion, and other cultural forms that have been especially associated with the region. Prerequisite: S St 401. (3)

**406. SOUTHERN LITERATURE & THE ORAL TRADITION.** Sermons, folk tales, ballads, blues, and other oral forms in works of writers such as A.B. Longstreet, Mark Twain, William Faulkner, Richard Wright, Eudora Welty, and Ernest Gaines. (3)

**534. STUDIES IN DOCUMENTARY FIELD WORK.** Interdisciplinary study of the theory, practice, and tradition of documentary field research through readings, photography, films and videotapes, audio recordings, and field notes. (3)

**597. SPECIAL TOPICS I.** Interdisciplinary study of specialized topics in Southern culture. (3)

**598. SPECIAL TOPICS II.** Interdisciplinary study of specialized topics in Southern culture. May be repeated once if topic varies. (3)

**599. SPECIAL TOPICS III.** Interdisciplinary study of specialized topics in Southern culture. (3)

**SPANISH** See *the Department of Modern Languages.*

**SPECIAL EDUCATION** See *the Department of Curriculum and Instruction.*

## **SPEECH**

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Robert J. Haws, Chair, Public Policy Leadership

<http://www.outreach.olemiss.edu/depts/forensics>

## **SPCH**

**102. FUNDAMENTALS OF PUBLIC SPEAKING.** Fundamentals of organizing, preparing, and delivering speeches in a variety of public forums. (3)

**105. BUSINESS AND PROFESSIONAL SPEECH.** Preparation of the speech outline, frequent performances in business situations requiring effective communicative practices. (For students in business, engineering, court reporting, and pharmacy). (3)

**107. FORENSICS I.** Active participation in intercollegiate forensic and debate tournaments. Only 4 hours credit can be counted toward a degree in the College of Liberal Arts. (1)

**108. FORENSICS II.** Active participation in intercollegiate forensic and debate tournaments. Only 4 hours credit can be counted toward a degree in the College of Liberal Arts. (1)

**110. BASIC VOICE AND DICTION.** Study of the physical bases of speech; concentrated work for the individual improvement of voice, articulation, pronunciation, and expressiveness (nonmajors only). (3)

**207. FORENSICS III.** Active participation in intercollegiate forensic and debate tournaments. (1)

**208. FORENSICS IV.** Active participation in intercollegiate forensic and debate tournaments. Only 4 hours credit can be counted toward a degree in the College of Liberal Arts. (1)

**307. FORENSICS V.** Active participation in intercollegiate forensic and debate tournaments. Only 4 hours credit can be counted toward a degree in the College of Liberal Arts. (1)

**308. FORENSICS VI.** Active participation in intercollegiate forensic and debate tournaments. Only 4 hours credit can be counted toward a degree in the College of Liberal Arts. (1)

**314. INTERCOLLEGIATE DEBATING.** (3)

**407. FORENSICS VII.** Active participation in intercollegiate forensic and debate tournaments. Only 4 hours credit can be counted toward a degree in the College of Liberal Arts. (1)

**408. FORENSICS VIII.** Active participation in intercollegiate forensic and debate tournaments. Only 4 hours credit can be counted toward a degree in the College of Liberal Arts. (1)

**SPEECH PATHOLOGY** See *the Department of Communication Sciences and Disorders.*

**STUDENT TEACHING** See the Department of Curriculum and Instruction.

## **TELECOMMUNICATIONS**

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Allen W. Glisson, 302 Anderson Hall  
<http://www.ee.olemiss.edu/>

### **T C**

**201. INTRODUCTION TO TELECOMMUNICATIONS.** Interdisciplinary analysis of technological developments and regulatory, political, financial, social, and other forces influencing electronic information management. (3)

**210. VOICE TELECOMMUNICATIONS.** Evolution of the switched network; telephone, PBX, and other customer premise equipment; carrier transmission and switching facilities; interoffice connection, signal methods and traffic problems. Prerequisite: TC 201. (3)

**220. WIRELESS COMMUNICATIONS.** Emphasizes the concepts of wireless communications, especially the new personal communications system (PCS), but also including microwave links, satellites, and cellular radiotelephony. System parameters such as channel capacity, modulation, and handoff are covered. Prerequisite: TC 201. (3)

**330. INTERNSHIP IN TELECOMMUNICATIONS.** Optional work opportunity for telecommunications students. Offered only in the summer between the junior and senior years. Provides a minimum of eight weeks of supervised work experience in telecommunications. Z grade. (3)

**403. TELECOMMUNICATIONS NETWORKS.** A complete discussion of the concepts, terminology, functions, theories, and algorithms underlying network design. Included are analysis of requirements, sizing, routing, network modeling, and selection of final design. Prerequisite: TC 201. (3)

**405. TELECOMMUNICATIONS MANAGEMENT.** This course will explore the management of the telecommunications function. Primary emphasis will be on organizing for the telecommunications function, strategic planning, operational planning, functional operations, and the measurement and control of telecommunications effectiveness. Prerequisite: TC 201. (3)

**409. CURRENT ISSUES IN TELECOMMUNICATIONS.** A seminar that focuses on issues of current interest in telecommunications. Students are required to submit a term project. Off-campus experts will be guest lecturers. Prerequisite: TC 201. (3)

**415. TELECOMMUNICATIONS LABORATORY.** Multiplexing techniques; modulation methods; sampling; electronic switching. Prerequisite: Engr 360, Engr 361. (1)

**431. SATELLITE TELECOMMUNICATIONS.** Survey of recent developments in the use of satellites in corporate communications, the creation of alternate broadcast networks, videoconferencing, telemedicine, and education. (3)

**432. LOCAL AREA NETWORKS.** A study of wideband telecommunications systems available to connect terminals, facsimile machine, printers, computers, etc., to a common transmission medium within an organization. Prerequisite: Csci 361. (3)

**433. OPTICAL FIBER TELECOMMUNICATIONS.** Address the engineering and cost benefits of optical fiber systems. Discuss and define the important engineering parameters. Limitations and capabilities will be discussed. Comparison to other communications systems will be made. (3)

**491. SPECIAL TOPICS IN TELECOMMUNICATIONS.** A concentrated study of a specific instructor-approved telecommunications topic. Topics are mobile communications, traffic engineering, information theory, synchronous digital networks, and advanced fiber-based systems. Students can earn up to 6 hours toward telecommunications degree requirements. (3)

**501. FOUNDATIONS OF COMMUNICATIONS.** A theoretical foundation for the analysis and design of communications systems. Fourier analysis, Nyquist sampling theorem, and the Shannon Channel Capacity theorem. analog and digital modulation techniques, including amplitude, frequency, and pulse code modulation, etc. (3)

**529. TELEVISIONS SYSTEMS I.** The history of television will be presented. Early approaches to imagery transmission will be covered. The emergence of the NTSC standard for black-and-white TV



will be emphasized, as will the compromise leading to color TV. Fundamentals of TV engineering will be covered. Prerequisite: T C 409 or graduate standing. (3)

**531. ADVANCED SATELLITE COMMUNICATIONS.** Detailed consideration of the technical aspects of satellite communications, including microwave link engineering, multiple access and modulation techniques used in modern satellites as well as the logistics involved in developing and launching telecommunications satellites. Prerequisite: T C 431 or graduate standing. (3)

**533. ADVANCED OPTICAL COMMUNICATIONS SYSTEMS.** Detailed consideration of the technical aspects of optical communications systems, including light wave system components, proponents, propagation, loss by dispersion and absorption, and systems measures (i.e. signal-to-noise ratio). Prerequisite: T C 433 or graduate standing. (3)

**534. WIRELESS MOBILE COMMUNICATIONS.** Focuses on today's modern cellular and personal communications systems, satellite-based systems, and their technical and regulatory aspects. The technical aspects include modulation techniques, propagation characteristics, bit error rate, and multipath. Prerequisite: T C 491 or graduate standing. (3)

**535. DIGITAL COMMUNICATIONS.** Introduction to digitization and transmission of voice, including the most common voice digitization algorithms, multiplexing, and modulation. Network management, including timing, synchronization, and control are included. An introduction to ISDN and B-ISDN is provided. (3)

**585. MULTIMEDIA TECHNOLOGIES I.** Introduction to the technologies and applications of what is called multimedia in the telecommunications and computer industries. The laser and compact discs are introduced as adjuncts to the computer. Interactive uses are defined and demonstrated. (3)

## **THEATRE ARTS**

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Rhona Justice-Malloy, Chair, 110 Isom Hall

[http://www.olemiss.edu/depts/theatre\\_arts/](http://www.olemiss.edu/depts/theatre_arts/)

### **Dance-DANC**

**151. BALLET I.** Introduction to the technical principles and stylistic elements of classical theatrical dance, including study of basic ballet theory and vocabulary. May be repeated for credit. (2)

**152. CONTEMPORARY DANCE I.** Fundamentals of contemporary concert dance technique, emphasizing the development of strength, flexibility, and body alignment. May be repeated for credit. (2)

**153. JAZZ DANCE I.** Introductory study of theatrical jazz dance technique through development of a standard jazz warm-up isolation work and locomotor movements. May be repeated for credit. (2)

**154. TAP DANCE I.** Introduction to tap dance technique, including study of basic tap vocabulary, fundamental rhythms, locomotor movements and tap styles. May be repeated for credit. (2)

**200. DANCE APPRECIATION.** Survey of the history and development of the major dance forms: ballet, contemporary, jazz, and tap, as they relate to Western social and artistic culture. (3)

**251. BALLET II.** Continuing development of the standard technique and vocabulary of classical ballet, with emphasis on expanded barre work and center practice. (2)

**252. CONTEMPORARY DANCE II.** Continuing study of contemporary dance technique, focusing on primary dance elements (space, rhythm, force, shape) and movement qualities. Emphasis on musicality, individual expression and creativity. May be repeated for credit. Prerequisite: Danc 152. (2)

**253. JAZZ II.** Continuing study of jazz dance technique, detailing standard jazz vocabulary and emphasizing development of strength, flexibility, control, and rhythmic accuracy. Repeatable for credit. Prerequisite: Danc 153. (2)

**254. TAP II.** Expansion and development of tap dance technique and vocabulary, emphasizing speed, control, precise articulation, rhythmic accuracy, and effective dynamics. Repeatable for credit. Prerequisite: Danc 154. (2)

**255. THEATRE DANCE I.** Development of a basic practical knowledge of choreographed movement in the musical theatre. Includes study of derivative musical/rhythmic forms and elementary Broadway dance vocabulary and styles. Repeatable for credit. Prerequisite: Danc 151 or Danc 152. (2)

**351. BALLET III.** Progressive study of technical and theoretical principles of classical dance, emphasizing development of adagio and allegro vocabulary. May be repeated for credit. Prerequisite: Danc 251. (2)

- 352. CONTEMPORARY DANCE III.** Progressive development of contemporary concert dance technique, including study of relevant choreographers, dance styles, and aesthetic valuing. May be repeated for credit. Prerequisite: Danc 252. (2)
- 353. JAZZ III.** Progressive development of jazz dance technique through application of relevant music theory and consideration of space, dynamics, phrasing, and performance elements. Repeatable for credit. Prerequisite: Danc 253. (2)
- 354. TAP III.** Progressive and continuing study of tap dance technique, emphasizing advanced-level floor work and syncopations. Includes study and comparison of major tap styles and aesthetics. Repeatable for credit. Prerequisite: Danc 254. (2)
- 355. THEATRE DANCE II.** Continuing and progressive study of representative musical theatre dance styles, relative to period (1900 to present) and ethnic derivation. Repeatable for credit. Prerequisite: Danc 255. (2)
- 450. DANCE COMPOSITION I.** Students will study objective elements of dance composition such as dance, time, space, and energy, and will apply them creatively. Prerequisite: 8 credit hours of Danc courses. (2)
- 451. BALLET IV.** Progressive and continuing study of classical dance, emphasizing control, balance, strength, and coordination in mastering technical and stylistic elements of ballet. Prerequisite: Danc 351. (2)
- 452. CONTEMPORARY DANCE IV.** Refinement and mastery of skills in contemporary concert dance through continuing in-depth study and evaluation of prominent modern dance theories, techniques, and choreographic approaches. Prerequisite: Danc 352. (2)
- 453. JAZZ DANCE IV.** Progressive study of jazz dance techniques through a comparative study of styles and methods. Emphasis on technical proficiency and mastery of body isolation/coordination in rhythmic syncopations. Prerequisite: Danc 353. (2)
- 454. TAP DANCE IV.** Refinement and mastery of tap dance skills, with emphasis on development of technique and styles of tap as a contemporary concert dance form. Prerequisite: Danc 354. (2)
- 455. DANCE COMPOSITION II.** Continuation of Dance 450, focuses on theme and variation vs. motif and development, silence, sound, and music. Includes a final choreography project suitable for stage presentation. Prerequisite: Danc 450. (2)
- 456. THEATRE DANCE REPERTORY I.** Development and performance of dance from the musical theatre repertory. May be repeated for credit. (2)
- 457. THEATRE DANCE REPERTORY II.** Development and performance of dance from the musical theatre repertory. May be repeated for credit. (2)
- 458. CONCERT DANCE REPERTORY I.** Development and performance of concert choreography. May be repeated for credit. (2)
- 459. CONCERT DANCE REPERTORY II.** Development and performance of concert choreography. May be repeated for credit. (2)
- 461. BALLET V.** Advanced study of classical ballet. (2)
- 471. BALLET VI.** Advanced study of classical ballet. (2)

## Theatre-THEA

- 110. FRESHMAN PERFORMANCE STUDIES I.** Concentrated studio training emphasizing improvisation, introduction to Stanislavski technique, individual attention to basic acting process. Prerequisite: enrollment restricted to theatre majors. (2)
- 111. FRESHMAN PERFORMANCE STUDIES II.** Concentrated studio training emphasizing improvisation, introduction to Stanislavski technique, individual attention to basic acting process. Prerequisite: enrollment restricted to theatre majors. (2)
- 163. INTRO TO MUSICAL THEATRE PERFORMANCE.** Beginning studies in the styles and genres of British and American musical theater. Prerequisite: enrollment restricted to theatre majors. (2)
- 164. MUSICAL THEATRE PRACTICUM I.** Voice and movement studies for the musical theater student. Prerequisite: enrollment restricted to theatre majors. (1)
- 168. FUNDAMENTALS OF VOICE AND DICTION.** Study of the physical bases of speech; exercises to improve breathing, physical alignment, use of resonators. Prerequisite: enrollment restricted to theatre majors. (2)
- 169. VOICE AND MOVEMENT.** Vocal production work combined with movement techniques emphasizing mind/body unity, sensory awareness, and improved nonverbal communication. Prerequisite: Thea 168, enrollment restricted to theatre majors. (2)

- 171. RENDERING FOR THE THEATRE.** Introduction to and development of rendering skills and techniques used by designers in the theatre. Prerequisite: enrollment restricted to theatre majors. (3)
- 172. THREE-DIMENSIONAL DESIGN FOR THE THEATRE** Introduction to skills and techniques used in the manipulation of form and space for theatre design. Prerequisite: Thea 171, enrollment restricted to theatre majors. (3)
- 185. STAGE MANAGEMENT PRACTICUM I.** Work as assistant stage manager for a University Theatre production. Prerequisite: enrollment restricted to theatre majors. (1)
- 186. STAGE MANAGEMENT PRACTICUM II.** Work as assistant stage manager for a University Theatre production. Prerequisite: enrollment restricted to theatre majors. (1)
- 192. PRODUCTION STUDIES I.** Supervised projects in fundamental aspects of technical production. Z grade. Prerequisite: enrollment restricted to theatre majors. (2)
- 201. APPRECIATION OF THE THEATRE.** Appreciation of the theatre as a performance art; developing perceptive audience standards through demonstrations of the unique characteristics of theatre (for nonmajors only). (3)
- 203. DRAMA IN FILM.** A study of film acting and production techniques in relation to various forms of drama considered through viewing and discussion of major dramatic films. (3)
- 204. COMEDY IN FILM.** A study of film acting and production techniques in various forms of comedy considered through viewing and discussion of major comic films. (3)
- 209. THEATRE TOPICS ON LOCATION.** Intensive study of a specific theatre topic including travel to a center of theatre activity. May be repeated once for credit. (3)
- 210. SOPHOMORE PERFORMANCE STUDIES I.** Concentrated studio work involving voice and movement training, script analysis, role preparation techniques, and character development. Prerequisite: Thea 110, Thea 111, enrollment restricted to theatre majors, satisfactory completion of a juried recital required. (4)
- 211. SOPHOMORE PERFORMANCE STUDIES II.** Concentrated studio work involving voice and movement training, script analysis, role preparation techniques, and character development. Prerequisite: Thea 110, Thea 111, enrollment restricted to theatre majors, satisfactory completion of a juried recital required. (4)
- 220. BUS & EMPL PRACTICES IN PROF THEATRE.** Techniques for audition/portfolio preparation and presentation, interviewing, networking, how to utilize agents and managers, characteristics and advantages of unions in professional theatre. Prerequisite: Thea 110, Thea 111, enrollment restricted to theatre majors. (2)
- 230. MOVEMENT FOR THE ACTOR I.** Laban principles of effort as applied to stage movement, monologues, and mask work. Prerequisite: enrollment restricted to theatre majors. (2)
- 231. MOVEMENT FOR THE ACTOR II.** Continued exploration of Laban principles; exposure to Restoration and Elizabethan movement and manners. Prerequisite: Thea 230. (2)
- 240. MAKEUP.** Media and techniques in application of makeup for stage and television. Prerequisite: enrollment restricted to theatre majors. (3)
- 242. COMMUNICATION FOR DESIGNERS.** Verbal and written communication of design concepts; conferencing and collaboration techniques both inside and outside the discipline. Prerequisite: enrollment restricted to theatre majors. (3)
- 246. COSTUME CRAFTS.** Study of costume craft techniques and products used to satisfy special costume needs, including mask-making, fabric painting and dyeing, and basic millinery skills. Prerequisite: Thea 171, Thea 172, Thea 272. (3)
- 250. INTRODUCTION TO FILM/VIDEO PRODUCTION.** Basic principles of lighting, sound, and camera usage for film and television in both studio and location applications. (3)
- 251. INTRODUCTION TO FILM DIRECTING.** Basic principles of camera composition, storyboarding, and shot management for film production. Prerequisite: Thea 250, enrollment restricted to theatre majors. (3)
- 260. FUNDAMENTALS OF ACTING.** Basic techniques of acting for the modern stage (for nonmajors only). (3)
- 263. MASK AND MOVEMENT TECHNIQUES.** Studies in mask and movement techniques for the actor. Prerequisite: enrollment restricted to theatre majors. (2)
- 264. MUSICAL THEATRE PRACTICUM II.** Voice and movement studies for the musical theatre student. May be repeated for credit. Prerequisite: enrollment restricted to theatre majors. (1)
- 265. BASIC ACTING TECHNIQUES.** Studies in essential performance skills. Prerequisite: enrollment restricted to theatre majors. (3)

- 268. SPEECH FOR THE STAGE.** An introduction to applying phonetics as a tool for analyzing and improving the clarity of speech on and off stage. Prerequisite: Thea 168, enrollment restricted to theatre majors. (2)
- 269. ACTING WITH DIALECTS.** Concentrated study and application of foreign accents and dialects of English often required in dramatic texts. Prerequisite: Thea 268, enrollment restricted to theatre majors. (2)
- 271. INTRODUCTION TO STAGECRAFT.** Introduction to standard practices and terminology of stagecraft. Prerequisite: enrollment restricted to theatre majors. (3)
- 272. INTRODUCTION TO COSTUMES FOR THE STAGE.** An introduction to various aspects of costuming, such as construction, crafts, crew work, shop duties. Prerequisite: enrollment restricted to theatre majors. (3)
- 273. COSTUME CONSTRUCTION.** Practical experience constructing garments for use on stage, covering both contemporary and period clothing. Prerequisite: Thea 272, enrollment restricted to theatre majors. (3)
- 274. THEATRE DESIGN GRAPHICS.** Introduction to techniques of mechanical drawing, perspective, figure drawing, and use of color for the theatre arts. Prerequisite: enrollment restricted to theatre majors. (3)
- 275. INTRODUCTION TO SCENE PAINTING.** Introduction to principles, techniques, and media for scene painting in the theatre. Prerequisite: enrollment restricted to theatre majors. (3)
- 276. FUND OF COMP-AIDED DESIGN FOR THEATRE.** Introduction to computer-aided design principles and software for theatre applications. Prerequisite: Thea 274, enrollment restricted to theatre majors. (3)
- 277. INTRODUCTION TO PATTERNMAKING.** An introduction to drafting patterns using both flat pattern and draping techniques. Prerequisite: Thea 273, enrollment restricted to theatre majors. (3)
- 278. THEATRE PRODUCTION TECHNIQUES I.** Production practicum for theatre performances using traditional and advanced methods and technology. Prerequisite: enrollment restricted to theatre majors. (3)
- 279. THEATRE PRODUCTION TECHNIQUES II.** Production practicum for theatre performances using traditional and advanced methods and technology. Prerequisite: enrollment restricted to theatre majors. (3)
- 285. STAGE MANAGEMENT TECHNIQUES I.** Familiarity with all aspects of technical theatre relevant to stage managing. Prerequisite: enrollment restricted to theatre majors. (3)
- 286. STAGE MANAGEMENT TECHNIQUES II.** Familiarity with all aspects of stage management work in audition, rehearsal, and performance situations. Prerequisite: enrollment restricted to theatre majors. (3)
- 291. PRODUCTION STUDIES I.** Supervised projects in fundamental aspects of design and technical production. Formal critique of projects by design faculty. Prerequisite: enrollment restricted to theatre majors. (3)
- 292. PRODUCTION STUDIES II.** Supervised projects in fundamental aspects of design and technical production. Formal critique of projects by design faculty. Prerequisite: enrollment restricted to theatre majors. (3)
- 298. SPECIAL TOPICS.** Study of specialized topics in the discipline. May be repeated once for credit. (3)
- 301. SCENE STUDIES I.** Concentrated scene work drawn from contemporary dramatic plays. Prerequisite: enrollment restricted to theatre majors. (3)
- 302. SCENE STUDIES II.** Concentrated scene work drawn from contemporary comic plays. Prerequisite: enrollment restricted to theatre majors. (3)
- 305. NARRATIVE TECHNIQUES FOR MOTION PICTURES** Practical exercises in the creation of successful narrative structures for dramatic and comic motion pictures. (3)
- 307. ACTING FOR FILM AND TELEVISION I.** Concentrated study of essential techniques and terminology of film and television acting. (3)
- 308. ACTING FOR FILM AND TELEVISION II.** Scene study using one-and two-camera formats. Prerequisite: enrollment restricted to theatre majors. (3)
- 310. JUNIOR PERFORMANCE STUDIES I.** Concentrated studio work involving voice and movement training, character analysis, and scene work drawn from contemporary play. Prerequisite: Thea 210, Thea 211, enrollment restricted to theatre majors. (4)

- 311. JUNIOR PERFORMANCE STUDIES II.** Concentrated studio work involving voice and movement training, character analysis, and scene work drawn from contemporary play. Prerequisite: Thea 210, Thea 211, enrollment restricted to theatre majors. (4)
- 320. THEORY AND PRACTICE OF DRAMA.** Examination of major dramatic theories and styles as they relate to both the practice and the literature of theatre. Prerequisite: enrollment restricted to theatre majors. (3)
- 321. THEATRE HISTORY I.** Examination of the major developments in theatre from the classical Greek period through the Elizabethan period with specific emphasis on the relationship between theatre and the broader culture of each historical period. Prerequisite: enrollment restricted to theatre majors. (3)
- 322. THEATER HISTORY II.** Examination of the major developments in theatre from the 17th century to the present with specific emphasis on the relationship between theatre and the broader culture of each historical period. Prerequisite: enrollment restricted to theatre majors. (3)
- 326. DRAMATIC LITERATURE I.** The study and analysis of dramatic literature from the Greeks to the Romantics. Prerequisite: enrollment restricted to theatre majors. (3)
- 327. DRAMATIC LITERATURE II.** The study and analysis of dramatic literature from the Romantics to the present. Prerequisite: enrollment restricted to theatre majors. (3)
- 330. STAGE COMBAT I.** Principles of unarmed stage combat including introduction to martial arts. Prerequisite: enrollment restricted to theatre majors. (2)
- 331. STAGE COMBAT II.** Principles of weapons combat for the stage, including broadsword, rapier and dagger, quarterstaff. Prerequisite: enrollment restricted to theatre majors. (2)
- 335. THE ALEXANDER TECHNIQUE.** Application of the Alexander movement technique to the performance process. Prerequisite: enrollment restricted to theatre majors. (2)
- 338. TECHNOLOGY LAB I.** Production practicum involving students in general crew assignments for productions. Z grade. Prerequisite: Thea 271, Thea 272. (1)
- 339. TECHNOLOGY LAB II.** Advanced study in specialized areas of technical theatre or design. Z grade. Prerequisite: Thea 271, Thea 272. (1)
- 340. COLOR THEORY FOR DESIGNERS.** Study of color as it applies to conceptualization and affects theatrical design. Prerequisite: enrollment restricted to theatre majors. (3)
- 341. PROPERTY DESIGN AND CONSTRUCTION.** Survey and study of property design and construction techniques typically used by working artisans. Prerequisite: enrollment restricted to theatre majors. (3)
- 350. EDITING TECHNIQUES.** Exploration of single track and A/B editing techniques. Prerequisite: enrollment restricted to theatre majors, instructor approval required. (3)
- 351. FILM DIRECTING.** Practical experience with directing dramatic material. Final project will be a completed short film. Prerequisite: Thea 350, instructor approval required. (3)
- 359. TELEVISION PRODUCTION.** Experience in creating documentary and other materials for television. (3)
- 364. MUSICAL THEATRE PRACTICUM III.** Voice and movement studies for the musical theatre student. May be repeated once for credit. Prerequisite: enrollment restricted to theatre majors. (1)
- 368. ADVANCED VOICE AND SPEECH I.** Exploration of breath management, vocal dynamics, and articulation techniques to achieve flexible, natural, and evocative verbal communication in performance. Z grade. Prerequisite: Thea 268, enrollment restricted to theatre majors. (1)
- 370. INTRODUCTION TO SCENIC DESIGN.** Introduction to scenic design for the theatre with emphasis on script analysis, elevations, and techniques of rendering. Prerequisite: enrollment restricted to theatre majors. (3)
- 371. PERIOD PATTERNMAKING.** Making patterns for period garments using flat pattern and draping techniques. Prerequisite: Thea 277, enrollment restricted to theatre majors. (3)
- 372. INTRODUCTION TO LIGHTING DESIGN.** Introduction to lighting design with emphasis on script analysis, the functions of light for the production and the development of the light plot. Prerequisite: enrollment restricted to theatre majors. (3)
- 374. INTRO TO THE HISTORY OF DRESS & DECOR I.** Survey of period styles in dress and decor as relevant to theatre arts from ancient Egypt to 1600. Prerequisite: enrollment restricted to theatre majors. (3)
- 375. INTRODUCTION TO COSTUME DESIGN.** Introduction to costume design for the theatre with emphasis on script analysis, figure drawing and rendering, character definition and control of the design elements. Prerequisite: enrollment restricted to theatre majors. (3)

- 376. BASIC PATTERN DRAFTING AND DRAPING.** Study of essential techniques in creating basic sloper patterns and developing those patterns into modern or period garments. Prerequisite: Thea 273. (3)
- 377. INTRO TO THE HISTORY OF DRESS & DECOR II.** Survey of period styles in dress and décor as relevant to theatre arts from 1650 to the present. Prerequisite: enrollment restricted to theatre majors. (3)
- 378. THEATRE PRODUCTION TECHNIQUES V.** Production practicum for theatre performances using traditional and advanced methods and technology. Prerequisite: enrollment restricted to theatre majors. (3)
- 379. THEATRE PRODUCTION TECHNIQUES III.** Production practicum for theatre performances using traditional and advanced methods and technology. Prerequisite: enrollment restricted to theatre majors. (3)
- 380. COLLABORATION PRACTICUM.** Practical experience in the collaborative development of production concepts. May be repeated for credit. Z grade. Prerequisite: enrollment restricted to theatre majors, instructor approval required. (1)
- 385. INTRODUCTION TO THEATRE MANAGEMENT.** Analysis and promotion, finance, and organization of educational, professional, and community theatre. Prerequisite: Thea 271, enrollment restricted to theatre majors. (3)
- 386. STAGE MANAGEMENT PRACTICUM III.** Work as production manager for a University Theatre production. Prerequisite: enrollment restricted to theatre majors. (1)
- 387. STAGE MANAGEMENT PRACTICUM IV.** Work as production manager for a University Theatre production. Prerequisite: enrollment restricted to theatre majors. (1)
- 391. PRODUCTION STUDIES III.** Supervised projects in fundamental aspects of design and technical production. Formal critique of projects by design faculty. Prerequisite: enrollment restricted to theatre majors. (3)
- 392. PRODUCTION STUDIES IV.** Supervised projects in fundamental aspects of design and technical production. Formal critique of projects by design faculty. Prerequisite: enrollment restricted to theatre majors. (3)
- 394. PRODUCTION STUDIES FOR DESIGNERS II.** Supervised projects in advanced techniques of technical production; projects critiqued and evaluated by design faculty. Prerequisite: enrollment restricted to theatre majors. (3)
- 403. DIRECTED PERFORMANCE STUDIES.** Individualized, directed study of performance and/or stage directing techniques and their applications. May be repeated once for credit. Prerequisite: enrollment restricted to theatre majors, instructor approval required, Thea 210 or Thea 301 or Thea 308 or Thea 310 or Thea 482. (3)
- 405. DIRECTED DESIGN STUDIES.** Individualized directed study of design and/or theatre technology topics and their applications. May be repeated once for credit. Prerequisite: enrollment restricted to theatre majors, instructor approval required. (3)
- 406. SCREENWRITING PRACTICUM.** Students will develop dramatic or comic screenplays in either short or feature length format. Prerequisite: Thea 305. (3)
- 410. SENIOR PERFORMANCE STUDIES I.** Concentrated studio work involving period movement, verse analysis, and scene work drawn from period plays. Prerequisite: Thea 310, Thea 311, enrollment restricted to theatre majors. (4)
- 411. SENIOR PERFORMANCE STUDIES II.** Concentrated studio work involving period movement, verse analysis, and scene work drawn from period plays. Prerequisite: Thea 310, Thea 311, enrollment restricted to theatre majors. (4)
- 421. MUSICAL THEATRE HISTORY AND LITERATURE I** Studies in American musical theatre history and literature from 1850 to 1930. (3)
- 422. MUSICAL THEATRE HISTORY & LITERATURE II.** Studies of American musical literature from 1930 to the present. (3)
- 440. COSTUME DESIGN FOR FILM AND TELEVISION.** An introduction to costumes for feature films, television, commercials, and video. Prerequisite: enrollment restricted to theatre majors. (3)
- 441. COSTUME SHOP MANAGEMENT.** Introduction to functions of a professional costume shop, including budgets, fittings, working with designers, rentals, supervision of staff. Prerequisite: enrollment restricted to theatre majors. (3)
- 450. ADVANCED EDITING TECHNIQUES.** Builds on basic skills with advanced training in a variety of computer and editing software for audio processing, motion graphics, and color grading and correction. Introduction to techniques and process of film to video transfer and video to film transfer. Prerequisite: Thea 350. (3)

- 451. DANCE/MOVEMENT.** Prerequisite: enrollment restricted to theatre majors. (2)
- 452. DANCE/MOVEMENT.** Prerequisite: enrollment restricted to theatre majors. (2)
- 462. STAGE MVMT-ACTOR.** Prerequisite: enrollment restricted to theatre majors. (3)
- 463. MUSICAL THEATRE PRACTICUM IV.** Voice and movement studies for the musical theatre student. May be repeated once for credit. Prerequisite: enrollment restricted to theatre majors. (1)
- 465. MUSICAL THEATRE PERFORMANCE I.** Basic techniques of performing in musical comedy. May be repeated once for credit. Prerequisite: enrollment restricted to theatre majors. (3)
- 466. MUSICAL THEATRE PERFORMANCE II.** Practical experience in performance and production of musical comedy scenes. May be repeated for credit. Prerequisite: enrollment restricted to theatre majors. (3)
- 468. ADVANCED VOICE AND SPEECH II.** Continuation of Thea 368, with emphasis on verse and text from period plays. Prerequisite: Thea 368, enrollment restricted to theatre majors. (1)
- 470. SCENIC DESIGN.** In-depth exploration of the basic principles and techniques of scenic design with emphasis on conceptualization and composition. Prerequisite: enrollment restricted to theatre majors. (3)
- 471. LIGHTING DESIGN.** In-depth exploration of the basic principles and techniques of lighting design with emphasis on conceptualization, color theory, and the physics of light. Prerequisite: enrollment restricted to theatre majors. (3)
- 474. COSTUME DESIGN.** A technical approach to costume design through an introduction to textiles, dyes, fabric modifications, and dressmaker details. Prerequisite: enrollment restricted to theatre majors. (3)
- 475. CAD PATTERN DRAFTING.** Introduction to the use of AutoCAD in drafting period costumes. Prerequisite: Thea 376. (3)
- 476. INTRODUCTION TO SCENE PAINTING.** Introduction to the use of standard scenic painting media and techniques in traditional and modern scene painting. Prerequisite: Thea 275. (3)
- 477. THEATRE PRODUCTION TECHNIQUES IV.** Production practicum for theatre performances using traditional and advanced methods and technology. Prerequisite: enrollment restricted to theatre majors. (3)
- 478. ADV COMPUTER-AIDED DESIGN FOR THEATRE.** Practical use and application of computer-aided design programs in the scene design process. Prerequisite: Thea 276, enrollment restricted to theatre majors. (3)
- 479. COSTUME DESIGN FOR FILM AND TELEVISION.** Explores designing costumes for film through discussion, projects, and in-class assignments. Prerequisite: Thea 375. (3)
- 481. DIRECTING.** Role and responsibilities in organizing and coordinating elements of play production. Prerequisite: enrollment restricted to theatre majors. (3)
- 482. DIRECTING TECHNIQUES.** Supervised studio projects to develop competency in rehearsal techniques. Prerequisite: Thea 481, enrollment restricted to theatre majors. (3)
- 484. DIRECTING PRACTICUM.** Supervised studio projects designed to demonstrate proficiency in directing. Prerequisite: Thea 481, Thea 482, enrollment restricted to theatre majors. (2)
- 487. STAGE MANAGEMENT PRACTICUM V.** Work as production manager for a University Theatre production. Prerequisite: enrollment restricted to theatre majors. (1)
- 488. STAGE MANAGEMENT PRACTICUM VI.** Work as production manager for a University Theatre production. Prerequisite: enrollment restricted to theatre majors. (1)
- 491. PRODUCTION STUDIES V.** Supervised projects in fundamental aspects of design and technical production. Formal critique of projects by design faculty. Prerequisite: enrollment restricted to theatre majors. (3)
- 492. PRODUCTION STUDIES VI.** Supervised projects in fundamental aspects of design and technical production. Formal critique of projects by design faculty. Prerequisite: enrollment restricted to theatre majors. (3)
- 498. SPECIAL TOPICS.** Study of specialized topics in the discipline. May be repeated once for credit. (3)
- 499. SENIOR REVIEW.** A capstone course assessing the attained knowledge of theatre for B.A. and B.F.A. students. Course will cover theatre history, theatre literature, and career planning, including the structure and processes of professional theatre. Z grade. Prerequisite: enrollment restricted to theatre majors. (1)

**THEOLOGY** *See the College of Liberal Arts Section on Departmental Major and Minor Requirements.*

## **TRENT LOTT LEADERSHIP INSTITUTE**

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William R. Gottshall, Director, Trent Lott Leadership Institute  
<http://www.lottinst.olemiss.edu/>

### **LDRS**

**391. SEMINAR IN LEADERSHIP.** (3)

## **UNIVERSITY STUDIES**

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Morris Stocks, Provost

### **US**

**111. UNIVERSITY TOPICS ABROAD I.** Students complete university-approved course work at a foreign university or study abroad provider. May be repeated with permission of the study abroad office. Prerequisite: Contact the Study Abroad Office to enroll. Study abroad booking only. (1-12)

**201. NATIONAL STUDENT EXCHANGE I.** National Student Exchange. No grade. (12-18)

**202. NATIONAL STUDENT EXCHANGE II.** National Student Exchange. No grade. (12-18)

**301. INTRO TO UNDERGRADUATE SCI RESEARCH.** An introduction to principles and practices of scientific research. Topics include the scientific method, research design, responsible conduct of research, scientific literature, data analysis and presentation, writing reports, and oral presentations. This course may not be used for major or minor credit. (3)

**311. UNIVERSITY TOPICS ABROAD II.** Students complete university-approved upper-level course work at a foreign university or study abroad provider. (1-12)

**URBAN ADMINISTRATION** *See the Department of Political Science.*

**ZOOLOGY** *See the Department of Biology.*



# Academic Services

**Academic Support Center** • Dr. Ann L. Canty, acting director; Kyle C. Ellis, assistant director • 350 Martindale • (662) 915-5970 • [www.olemiss.edu/depts/asc](http://www.olemiss.edu/depts/asc)

The Academic Support Center (ASC) at The University of Mississippi includes among its duties the development and implementation of academic support services offered to students. ASC advisors place particular emphasis on academic advising, including advisement of students without declared majors as well as advisement and support for students in health professions degree programs and pre-professional tracks. ASC staff oversees the academic advising program during summer orientation for all entering freshmen, regardless of major, and provides support for faculty advisors, including workshops, printed materials, coordination of the Ole Miss Academic Advising Network, and an advising Web page. ASC advisors also work with other offices and departments on the UM campus in student retention efforts.

Please note that students must declare a major upon the completion of 45 credit hours earned. The university encourages students to make timely decisions, seeking counsel as appropriate, and prepare to enter a major so as to ensure a timely graduation. Further, students should declare a major in order to receive important communications from the appropriate dean's and department offices. By the time a student enters the junior year, he or she will usually have completed the "general education" requirements for most degrees and should be under the guidance of the appropriate academic unit.

The Academic Support Center's mission is to offer professional, quality advising and support to The University of Mississippi community through efficient service, communication of university policy, and open collaboration with university departments and support services in an effort to facilitate the educational experience.

The Academic Support Center's **Office of Health Professions Advising** provides one-on-one advising; assistance with selection of major; close tracking of students' programs of study; assistance with students' professional school application portfolio; preparation for professional school interviews; informative health profession-related sessions, forums, and workshops; MCAT and DAT test preparation; sponsorship of Alpha Epsilon Delta; a library of materials, including UMMC professional school bulletins, curriculum outlines, professional newsletters, and applicant materials.

The Office of Health Professions Advising in the Academic Support Center at The University of Mississippi is committed to helping students achieve their professional goals in medicine, dentistry, nursing, optometry, veterinary medicine, and physical therapy. Prerequisites for allied health fields, including cytotechnology, dental hygiene, health informatics and information management, medical technology, clinical laboratory science, occupational therapy, and radiologic sciences can be obtained.

**Libraries** • Julia Rholes, dean of University Libraries • 312 J.D. Williams Library • (662) 915-7092 • [jrholes@olemiss.edu](mailto:jrholes@olemiss.edu)

The JOHN DAVIS WILLIAMS LIBRARY is the general library for the university community and houses the main collection of books, periodicals, microforms, manuscripts, government publications, audio-visual materials, and maps. The general library and its branches hold more than 1.4 million volumes and more than 44,500 current periodical and serial subscriptions. The libraries also provide access to more than 150 electronic databases, 23,500 electronic journals, and 61,000 electronic books. Online electronic resources and services can be found at the Web site <http://www.olemiss.edu/depts/libraries>.

In 2001, the J.D. Williams Library became “the library of the accounting profession” upon receiving the library collections of the American Institute of Certified Public Accountants (AICPA). These collections, numbering more than 100,000 items, include rare incunabula as well as copies of every item cited by *Accountant’s Index* since its inception in 1923.

The GOVERNMENT DOCUMENTS DEPARTMENT holds 2.25 million items, including print, microforms, maps, and electronic media, and it also receives Mississippi state documents. The library has been a depository for U.S. government publications since 1883, and is one of only 50 regional depositories in the nation.

DEPARTMENT OF ARCHIVES AND SPECIAL COLLECTIONS/UNIVERSITY OF MISSISSIPPI LIBRARY: More than 500 manuscript collections and more than 46,000 volumes of Mississippiana are housed in this department. Among its exhibits are William Faulkner’s Nobel Prize and first editions. The Seymour Lawrence Room, a gift of the late publisher, contains signed first editions, manuscripts, photographs, correspondence, and memorabilia of the dozens of authors he published, including J.P. Donleavy, Barry Hannah, Jim Harrison, and Jayne Anne Phillips. The Southern Media Archive and Visual Collections contains the images of generations of Mississippians and includes the collections of photographers Martin Dain and J.R. Cofield. Special Collections’ Blues Archive houses the *Living Blues* Archival Collection and more than 50,000 sound recordings and personal collections of blues artists such as B.B. King. A recent addition to Special Collections, the Modern Mississippi Political Archive contains the papers of some of Mississippi’s most well-known politicians.

The J.D. WILLIAMS LIBRARY has one branch: the SCIENCE LIBRARY in the Thad Cochran National Center for Natural Products Research building. The library contains 65,000 volumes.

The autonomous JAMES O. EASTLAND LAW LIBRARY complements the resources contained in the Williams library and its branches.

The ROWLAND MEDICAL LIBRARY is located on the Jackson campus in the Verner S. Holmes Learning Resource Center.

The LIBRARY displays changing exhibits of items from its collections of Mississippiana, incunabula, and other rare books and manuscripts.

**University Museum and Historic Houses** • University Avenue • (662) 915-7073 • [museums@olemiss.edu](mailto:museums@olemiss.edu)

The Museum complex consists of the MARY BUIE MUSEUM, the adjoining KATE SKIPWITH MUSEUM, the WALTON-YOUNG HISTORIC HOUSE, and ROWAN OAK, William Faulkner’s house. The SEYMOUR LAWRENCE GALLERY OF AMERICAN ART and the FORTUNE GALLERY were added recently. The museum’s collections represent the fields of archaeology, art, anthropology, decorative arts, history, science, and technology. Particularly outstanding are the David M. Robinson Collection, the finest collection of Greek and Roman sculpture, pottery, coins, and bronzes in the South, and the Millington-Barnard Collection of 19th-century scientific apparatus. The precision instruments in the Millington-Barnard Collection were the finest available in the 1850s when they were bought for teaching purposes, and the collection is among the most extensive and best-preserved assemblage of its kind in the United States.

The growing collection of Southern folk art, centered on the collection of the dream and vision paintings of Oxford native artist Theora Hamblett, is also outstanding.

The University Museum regularly hosts significant traveling exhibitions from outside sources and prepares frequent special exhibitions from the permanent collections; many of these exhibitions are coordinated with classes or academic events such as the annual Faulkner symposium. The museum’s classrooms and galleries are used for regularly scheduled classes and special events by many university departments. Only a

very small selection of the 20,000-piece collection can be displayed at any one time, but all the collections are available to students and faculty for study and research.

THE WALTON-YOUNG HOUSE is a restored Victorian home open by appointment. It was named in honor of Horace and Lydia Lewis Walton, who constructed the house, and Stark Young, a famous Mississippi playwright, drama critic, and author who was both a student and a faculty member at the university. This historic home was built in 1880. Its furnishings are period pieces, and interpreters are available to provide tours.

ROWAN OAK, William Faulkner's home, was recently restored and is open to visitors. A small admission fee is charged to non-student house visitors. The grounds are open from dawn to dusk, and the Bailey's Woods Trail is a challenging walk between Rowan Oak and the museum.

The University of Mississippi Museum is open free to the public, 9:30 a.m.-4:30 p.m. Tuesday-Saturday and 1-4:30 p.m. Sunday. The museum and historic houses are closed on Mondays and university holidays. Guided group tours are available by appointment. You may contact the museum for further information by calling (662) 915-7073. Or e-mail [museums@olemiss.edu](mailto:museums@olemiss.edu). Visit our Web site: [www.olemiss.edu/depts/u\\_museum](http://www.olemiss.edu/depts/u_museum).

**Gallery 130** • Located in Meek Hall, the gallery is used for art exhibitions and other activities of the Department of Art. Loan exhibitions of outstanding professional work in painting, sculpture, graphic arts, and photography are brought to the gallery at regular intervals. Exhibitions of successful student work are scheduled periodically. The gallery exhibitions and lectures are open to the public.

**Information Technology** • Dr. Kathy Gates, chief information officer • 302 Powers Hall • (662) 915-7206 • [it@olemiss.edu](mailto:it@olemiss.edu) • [www.olemiss.edu/depts/it](http://www.olemiss.edu/depts/it)

The Office of Information Technology (IT) offers the campus community a wide array of resources, including high-performance computing systems, e-mail accounts and Web hosting services, public computing labs, personal computer support, and a number of online services such as Blackboard and Web-based registration for classes. A comprehensive campus network connects the university to the Internet, Internet2, and National LambdaRail, and several areas are wireless-enabled, including all residence halls. The IT Helpdesk (<http://www.olemiss.edu/helpdesk>) is available by phone (662-915-5222), e-mail ([helpdesk@olemiss.edu](mailto:helpdesk@olemiss.edu)), and walk-in (Galtney Center in Weir Hall) to assist students, faculty, and staff with technology issues. Various schools and departments on campus provide additional computing facilities. More information on student access to computers is given in the Student Affairs chapter.

An APPROPRIATE USE POLICY (<http://www.olemiss.edu/ause.html>), which reflects academic honesty, ethical behavior, and consideration in the consumption of shared resources, governs the use of all campus computer facilities.

**Center for Excellence in Teaching and Learning** • Johnny W. Lott, director • Somerville Hall, Suite 100 • (662) 915-1391 • [tlcenter@olemiss.edu](mailto:tlcenter@olemiss.edu)

The Center for Excellence in Teaching and Learning was established in 2007 by the Office of the Provost. The mission of the center is to promote exemplary teaching and effective learning at The University of Mississippi. The center serves as a resource: providing a forum for the discussion of research, implementing ideas for practices central to the teaching and learning processes, and facilitating professional development for faculty. The primary purpose of the center is to improve student learning by continually improving teaching. The center serves all teaching faculty, including tenure-track

faculty, visiting faculty, adjunct faculty, and graduate teaching assistants and instructors. The center serves students by providing study skills workshops, administering the Contractual Readmission Program, and providing tutoring information.

**Media and Documentary Projects and Distributed Learning** • Andy Harper, director • Wing D, Kinard Hall • (662) 915-5917 • acharper@olemiss.edu • Web site: omtvlive.com

Media and Documentary Projects and Distributed Learning produces documentary film and radio programming as well as promotional videos for the university. MDP is also a full-service production house with studio and editing facilities as well as CD and DVD duplication. The MDP specializes in film restoration and digitization. Distributed Learning provides support services in distance learning, computer network administration, and multimedia production for the Division of Outreach and Continuing Education. The department offers a broad range of capabilities, including Internet videoconferencing, satellite teleconferencing, and uplink services.

**University Press of Mississippi** • Education and Research Center, 3825 Ridgewood Road, Jackson, Mississippi 39211 • (601) 432-6205 • press@ihl.state.ms.us

The University Press of Mississippi was founded in 1970 to encourage scholarly research and writing by publishing works of the highest quality, and to distribute as widely as possible the books it publishes. Functioning as the scholarly publishing arm of the state-supported universities in Mississippi, the University Press is governed by a board of directors made up of two representatives from each of the eight state universities, a representative from the Board of Trustees of the Institutions of Higher Learning (IHL), a member of the IHL executive staff, and the director of the press. The University Press publishes about 65 books each year. Primary areas of interest are literary criticism, history, cultural studies, and Southern studies.

## **University Communications**

Media and Public Relations • Barbara Lago, director • Johnson Commons West • (662) 915-7236 • blago@olemiss.edu

Provides full communications services to faculty, staff, and students to promote scholarly activities and accomplishments through print, broadcast, electronic, and other media.

University Publications • C. Sabrina Brown, director • 203 Gerard Hall • (662) 915-7355 • cbrown@olemiss.edu

Provides editorial and graphic design services for marketing materials, including magazines, brochures, newsletters, ads, exhibits, and Web sites.

Imaging Services • Robert Jordan, assistant director • 221 Gerard Hall • (662) 915-7260 • rjordan@olemiss.edu

Provides studio and location photography; print and slide duplication; computer imaging and scanning; film-processing services; and poster printing.

Printing and Graphic Services • Anthony Seaman, director • Sam Hall • (662) 915-7066 • aseaman@olemiss.edu

Houses the Offset Printing Department, Full Color Digital Print Center, Quick Copy Center, and Bulk Mail Processing Center. Provides full-service four-color offset printing; full color digital printing; variable data printing, personalized one-to-one marketing campaigns, addressing, and mailing for first-class, standard, and nonprofit letters, cards, and flats; scanning, copying, typesetting, design, and full bindery services for the university, the personal needs of members of the university community, and the general public.

# Student Affairs, Activities, and Services

## THE DIVISION OF STUDENT AFFAIRS

Dr. Larry Ridgeway, vice chancellor for student affairs • 233 Lyceum • (662) 915-7705  
• lridgewa@olemiss.edu

The central purpose of the Division of Student Affairs is to facilitate student development by offering educational programs and services that stimulate the learning process. The division supports and complements the academic program through its commitment to the total development of students by contributing to their physical, intellectual, social/environmental, occupational, spiritual, and emotional growth.

## ORIENTATION

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Whitman Smith, director of orientation and parent programs • 145 Martindale • (662) 915-1185 • whitman@olemiss.edu

The orientation program is designed to help students with their academic and social adjustments to the university. Informal talks by student leaders, faculty members, and administrators help new students become acquainted with university programs, services, regulations, and traditions. Students also are assisted in their selection of courses of study.

**Orientation Conferences** • New freshmen and transfer undergraduate students are **required** to attend an orientation conference prior to enrollment. These conferences are designed to help both students and parents with the transition to the university. The conferences include information sessions on housing, meal plan selection, campus safety, student organizations, career opportunities and services, and social opportunities on campus. Students are able to take care of details such as post office box rental, vehicle registration, and obtaining a campus ID card, and they are given the opportunity to discuss their schedules with faculty advisers and to preregister for their courses.

Orientation conferences are held at the beginning of each summer and again in August for incoming freshmen and transfer students. In addition, a spring orientation is offered in January for new students who begin at that time, and an early summer orientation is offered for transfer students in April. Orientation registration information is sent to all newly admitted students prior to each orientation session, and additional information can be found online at [www.olemiss.edu/orientation](http://www.olemiss.edu/orientation).

Graduate and law students should contact their individual departments for assistance.

## STUDENT HOUSING

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Student Housing and Residence Life • Lorinda S. Krhut, director • Miller Hall • (662) 915-7328 • housing@olemiss.edu

**Freshman Residence Requirements** • Full-time single students who matriculate with freshman standing (fewer than 30 semester hours) are required to live on campus in the residence halls for one academic year (fall and spring semesters). Exceptions are made for married students, students who are 21 years or older, and for those students who live with parents or legal guardians and commute. Married freshmen should submit a copy of their

marriage license, and the parents or legal guardians of commuters should send a confirmation letter to the Department of Student Housing and Residence Life by July 1 for the academic year. Others who feel that special circumstances may entitle them to an exception should mail appeal letters to Housing Appeals Committee, Department of Student Housing and Residence Life, P.O. Box 1848, University, MS 38677-1848. All exemption documents should be submitted prior to July 1.

Single freshmen who enroll and are found to be living off campus without an authorized exemption from the Housing Appeals Committee will be administratively charged for housing.

**Residence Halls** • The university maintains residence halls for unmarried freshmen, upper-class students, and graduate students. Residence halls available for students are Brown Hall, Crosby Hall, Hefley Hall, Martin Hall, Miller Hall, Stewart Hall, Deaton Hall, Kincannon Hall, Stockard Hall, Guess Hall, and the Residential College. There is separate application to the Residential College.

**Apartments** • The Northgate Apartments are available to all single students, including transfer students with 30 or more semester hours. Apartment residents may or may not have roommates depending upon contract agreement. There are a total of 56 units in five buildings. All residence hall rooms and apartments are equipped with bedroom furniture, living room furniture, and utilities essential to comfortable living, including telephone connections, cable TV connections, and Ethernet/Internet connections. Additionally, all apartments offer wireless communication. Students must provide their own linens, pillows, and personal items such as radios, lamps, etc.

### **Room Reservation Procedure**

1. The Department of Student Housing and Residence Life offers housing contracts for the academic year (fall and spring) for admitted students entering housing in the fall or spring, and summer contracts for students enrolled during the summer terms.
2. Applicants for fall and spring housing must submit a \$75 nonrefundable application fee along with the online housing application and contract prior to receiving a housing assignment.
3. The student must e-mail confirmation of the assignment upon receipt of the assignment by the published deadline. Failure to do so may result in cancellation of the application.
4. Cancellations must be made in writing or in person at the Department of Student Housing according to the terms of the Housing Contract. *Cancellations will not be taken by telephone.*
5. Check-in dates will be provided by the Department of Student Housing and Residence Life.

**Housing Assignments** • Housing assignments, other than special interest floors, are based on date of the completed housing application process (application, signed housing contract, and payment of the nonrefundable application fee). Special attention is given to a student's indicated preferences. Requests will be honored whenever possible. However, no specific room assignment based solely upon a resident's request is guaranteed or implied. Preferred roommate assignments are contingent upon the date of receipt, priority status, and joint or mutual request for one another. Residents who wish to be roommates are encouraged to submit their housing applications and pre-payments prior to February 1 to facilitate this process. Learning Community/Special Option floors are available in some halls and are available to both freshmen and

upper-classmen. All assignments are made without regard to race, color, religion, or national origin.

**General Housing Regulations** • Internal regulations are explained in the Residence Life Handbook and on the university's policy Web site. Students should also note the following regulations:

*The university reserves all rights in connection with the initial assignment and reassignment of rooms or the termination of their occupancy. Changes in room assignments must be approved by the Department of Student Housing and Residence Life.*

*The university reserves the right to reassign and consolidate students who do not wish to pay for a private room. Consolidation is done each semester and is administered based on location and the assignment date.*

*The university reserves the right to place students on a temporary basis of more than two to a room, if necessary. In this case, an appropriate adjustment will be made in the room rent for any students housed more than two to a room on a permanent basis unless the design of that room is for three people.*

*Rooms in residence halls are available only to students of the university. The room is to be occupied only by the student assigned to it and cannot be subleased.*

*The university reserves the right to inspect the living quarters of any student residing on university campus property at any time that its administrative officials or their agents shall deem such inspection to be in the best interest of the university. Except for cases involving use of legal search warrants and for situations relating to fire hazards, mechanical malfunctions, and personal safety of residents in the hall, no person's room normally will be entered when there are no occupants present without due notice. Courtesies will be observed in any case, with proper respect for the privacy of each resident. With these guidelines in mind, periodic inspections will be made that will be concerned with general cleanliness and safety, property accountability, disorderly conduct, and excessive noise.*

*The university shall assume no responsibility for the theft, destruction, or loss of money, valuables, or other personal property belonging to, or in the custody of the student, for any cause whatsoever, whether such losses occur in the student's room. Students are encouraged to carry their own property insurance.*

*Residents will be held responsible for loss or damage to university property for any cause other than normal depreciation.*

*The university does not provide room accommodations during the recess periods of Christmas/semester break, fall or spring breaks except for residents of buildings advertised as break buildings.*

*Rental rates are listed in the Fees and Expenses section of this catalog.*

## **VILLAGE HOUSING**

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The university has 82 apartments that are assigned on a semi-permanent basis to married or single parents, upper-classmen and graduate students attending the university.



**The Apartments** • Three sizes of apartments are available: efficiency, one-bedroom, and two-bedroom. Each apartment has cable television service and Ethernet/Internet connections provided. If an occupant wishes to install air conditioning, a 220-volt window unit not to exceed a capacity of 1.5 tons should be used.

**Eligibility for Occupancy** • An apartment may be retained by an undergraduate student 21 years of age or older, graduate, married, or single-parent student, who is enrolled on a full-time basis in the university and maintains the standard of conduct expected of apartment residents.

**Contractual Period** • Prior to moving into an apartment, a resident must sign a contract that covers the expected length of occupancy. Apartments are rented on an academic-term basis; i.e., the resident must meet all requirements for occupancy each semester during the life of the contract.

**Nonrefundable Housing Application Fee** • Action cannot be taken on an application for Village housing until a nonrefundable application fee of \$75 has been made. Assignment priorities are made primarily in the order of the dates of receipt of the nonrefundable application fee.

**Assignments** • Assignments are made based upon availability.

**Inspections** • Apartments are subject to inspection by university officials on the terms described above under General Housing Regulations.

**Pets** • Pets are not allowed in the apartments or in the Village area. Please read full Village policies in separate Village Resident Handbook.

## FOOD SERVICE

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- The **JC**—The “ALL YOU CAN EAT” residential restaurant located in Johnson Commons serves breakfast, lunch, and dinner Monday through Friday, 7 a.m.-8 p.m.; and brunch and dinner Saturday and Sunday from 10 a.m.-2 p.m., and 5-7 p.m.
- **The Food Court**—The Food Court at the Ole Miss Student Union offers a wide selection, including national brands such as Chick-Fil-A, Bene Pizza and Pasta, Java City, Grille Works, Home Zone, Miso noodle & rice and sushi bar, Grab ‘n Go, Zoca Mexican, and Bleeker Street. The Food Court is open six days per week while school is in session.
- **Fresh Food Market**—The Fresh Food Market is a residential restaurant located in the Residential College.
- **Einstein Brothers**—The Einstein Brothers bakery café is located in Anderson Hall.
- **Convenience stores, snack bar, and cafés**—Convenience stores are available with extended hours at Stockard/Martin, Crosby, and the Ole Miss Union. The McCormick Café is located in the Inn at Ole Miss. A **Starbucks Café** is located in the Ole Miss Bookstore. **Java City** has locations in the J.D. Williams Library, Crosby residence hall, and the JC. C-3 Express, located in the Student Union, is a grab ‘n go food location.
- **Meal Plans**—All campus-housed freshmen are required to purchase a meal membership **BOTH fall and spring** semesters, regardless of Greek affiliation. This is explained in the Fees and Expenses chapter.
- **Flex Dollars**—Flex dollars are restricted to food locations on campus, including prepared-food locations, vending machines, coffee shops, and convenience stores.

- **Ole Miss Express**—Ole Miss Express is an optional declining balance spending account usable at select locations on and off campus.

## COMMUNICATION

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**Mail** • Each university student who resides on the university's Oxford campus is expected to rent a box at the University Post Office.

All students are expected to provide specific mail addresses at registration so that official communications can be delivered promptly to them while they are in attendance on the campus and also at their homes when classes are not in session.

**Change of Address** • Changes in either the local or home address are to be reported promptly to the registrar.

**E-mail** • Accounts are provided to each student.

**Other Media for Communication** • Students should observe notices and announcements on the bulletin boards located in residence halls and in academic and administrative buildings. Other sources include *The Daily Mississippian* newspaper; the campus radio station, WUMS 92.1; and the campus television station, Channel 12. Official announcements are normally disseminated through these media.

## THE OLE MISS UNION

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401 Union • (662) 915-7106

This centrally located building is managed by the Physical Plant Department and houses the University Post Office, the Ole Miss Bookstore and Café, the Food Court, automatic teller machines, the Ole Miss Ballroom, the UM Box Office, the University Information Center, the Dean of Students Office, Office of Campus Programming, student government offices, meeting rooms, and common areas.

## STUDENT MEDIA

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Traci Mitchell, interim director • 201 Bishop Hall • (662) 915-5503

**THE DAILY MISSISSIPPIAN** • (662) 915-5503 • [studentmedia@olemiss.edu](mailto:studentmedia@olemiss.edu) • The daily student newspaper, published under the auspices of the Student Media Center, gives the campus news and discusses matters of interest to students and alumni.

**WUMS-FM**, Rebel Radio 92.1 • (662) 915-5503 • [wums@olemiss.edu](mailto:wums@olemiss.edu) • The student radio station has been licensed by the Federal Communications Commission to operate as a 6,000-watt commercial station.

**NewsWatch** • (662) 915-5503 • [newswatch@olemiss.edu](mailto:newswatch@olemiss.edu) • The student cable television station broadcasts a live newscast and other news and commentary programs five days a week over the Oxford-university cable television system.

**OLE MISS** • (662) 915-5503 • [yearbook@olemiss.edu](mailto:yearbook@olemiss.edu) • The student-edited annual portrays student life at the university and spotlights events of the year.

**The DM Online** • (662) 915-5503 • The online newspaper, [www.theDMonline.com](http://www.theDMonline.com), provides comprehensive news and information updated continuously.

## **UNIVERSITY POLICE AND CAMPUS SAFETY**

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Calvin Sellers, director of University Police and Campus Safety • Kinard Hall • (662) 915-7234 • [upd@olemiss.edu](mailto:upd@olemiss.edu)

The University Police Department (UPD) provides service and protection to the university's students, faculty, staff, properties, and campus. The five divisions—patrol, investigation, crime prevention, security staff, and parking services—strive to ensure a high quality of student-faculty life by promoting a tranquil, safe atmosphere conducive to the objectives of the university.

For emergency intercoms directly linked to UPD, Code Blue towers are located throughout campus. Late-night escort services are also available.

## **MOTOR VEHICLES**

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**Procedure for Registering Vehicles** • Every student who is otherwise eligible to keep a vehicle at the university must (1) maintain liability insurance on the vehicle, (2) register the vehicle with the University Police Department, (3) display the vehicle emblem issued, and (4) adhere to campus parking rules and regulations.

**Other Regulations Regarding Motor Vehicles** • As at most universities, Ole Miss parking spaces are at a premium. Students are restricted from parking in the main part of campus during class hours. Parking rules/regulations and a parking guide/campus map are available at UPD's office in Kinard Hall and on UPD's Web site: [http://www.olemiss.edu/depts/u\\_police](http://www.olemiss.edu/depts/u_police).

## **ID CENTER**

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Paul B. Johnson Commons, West 102 (basement)

ALL students, faculty, and staff are required to have an Ole Miss ID card. The first ID card is issued at no charge. Replacement ID requests may be made in writing to the ID Center and require a \$30 fee, which may be paid using Ole Miss Express, cash, check, Visa, or MasterCard. ID cards are made Monday through Friday, 8:15 a.m.-4:45 p.m. A University of Mississippi ID card is issued **only** to current students, faculty, and staff. All other requests for ID cards must be requested in writing to the ID Center and are subject to approval. Before a University of Mississippi ID card is issued, identification of the cardholder must be verified, an ID number assigned, and status at The University of Mississippi determined. The University of Mississippi ID card is an official form of identification; therefore, hats, sunglasses, or head coverings may NOT be worn in an ID photo. Possession of more than one ID card issued by The University of Mississippi is a violation of university policy. Possession and/or use of a University of Mississippi ID card by someone other than the person identified on the card is a violation of university policy. Misuse, alteration of, or abuse of The University of Mississippi ID card will result in loss of privileges granted by the card and disciplinary action being initiated. All ID cards issued by The University of Mississippi ID Card Center remain the property of The University of Mississippi. Report any lost or stolen IDs immediately to the ID Card Center, The University of Mississippi Police

Department, or online at [olemiss.managemyid.com](http://olemiss.managemyid.com) to place a hold on an ID account. IDs reported as lost or stolen will not be reactivated over the phone. Only IDs presented in person at the ID Card Center by the cardholder identified on the card or online at [olemiss.managemyid.com](http://olemiss.managemyid.com) will be reinstated as an active account. ID card account balances may be viewed at the ID Card Center, sales locations, deposit locations, or online at [olemiss.managemyid.com](http://olemiss.managemyid.com) only. Account balances are not available by phone. All ID card accounts will be refunded, if applicable, and expired upon the event of official withdrawal, cessation of enrollment, graduation, or termination of employment at The University of Mississippi.

## **STUDENT HEALTH SERVICE**

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Barbara Collier, CFNP, director • V.B. Harrison Health Center • (662) 915-7274 • [bcollier@olemiss.edu](mailto:bcollier@olemiss.edu)

The Student Health Service is a general practice medical clinic providing acute care to students. Routine clinic services are provided from 8 a.m. to 5 p.m. Monday through Thursday and 9 a.m. to 5 p.m. on Friday. Tuition covers the cost of the office visit of the health care professionals. Prescription and nonprescription drugs, laboratory tests, and X-ray procedures are provided to the student at a nominal fee. Physical therapy services are also available on campus by referral. If any charges are made to the student that are covered by insurance, the Student Health Service (at the request of the student) will file the necessary claim forms to the appropriate insurance company. Prescriptions are dispensed at the **Student Health Pharmacy**, and charges may be billed to the student's bursar account, or prescriptions may be filled at local pharmacies.

Since the Student Health Service is a general practice medical clinic, some patients must be referred to medical specialists. Illness or injuries requiring hospitalization also are referred to the local hospital. The cost of this care must be borne by the student unless it is an illness or injury covered by medical insurance. An optional medical and hospital insurance plan is available to students and students' families. It may be purchased at fall, spring, and summer registration.

All students born after Jan. 1, 1957, must show proof of two measles and one rubella immunizations prior to registration. Information and required forms can be found on the Student Health Web site [http://www.olemiss.edu/depts/stu\\_health/](http://www.olemiss.edu/depts/stu_health/). Information regarding student insurance can also be found on the Student Health Web site.

## **UNIVERSITY COUNSELING CENTER**

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Dr. Marc K. Showalter, director • All American Drive • (662) 915-3784 • [counslg@olemiss.edu](mailto:counslg@olemiss.edu)

**Psychological Counseling and Crisis Intervention** • The University Counseling Center is a professional facility available to assist students, faculty, and staff with challenges in their lives that may interrupt day-to-day functioning, such as depression, anxiety, family and relationship problems, alcohol and drug abuse, and other identity and trauma issues. The counselors provide individual and couples therapy, support groups, and assistance in locating the proper referral sources, if needed. A counselor is on call for after hours consultation and support. Counseling staff includes licensed professionals and other appropriately trained counselors and therapists.

## FINANCIAL AID

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Laura Diven-Brown, director • Martindale Student Services Center • <http://www.olemiss.edu/finaid/>

In order to be considered for aid, students may be required to submit one or more applications to the Office of Financial Aid and the federal government. Incoming freshmen and community college transfers who wish to be considered for internal scholarships based on academics, leadership, and/or merit must complete an online scholarship application (<http://www.olemiss.edu/finaid/>) when applying for admission, but no later than the final deadline of April 1 in the year of enrollment. Exceptions to this include departmentally awarded scholarships, child of faculty and staff benefits, Academic Excellence, Luckyday, and nonresident alumni awards, all of which have specific requirements outlined in the General Scholarship Description section.

Students wishing to apply for all need-based scholarships and federal aid must complete the Free Application for Federal Student Aid (FAFSA) at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Students and parents who wish to participate in the Stafford and Parent Loan programs must also complete the FAFSA. When the FAFSA is submitted to the federal government's central processor, the student must designate The University of Mississippi (University, MS; federal school code 002440) as one of the college recipients. Although students may submit a FAFSA at any time prior to and during the school year, priority consideration for some grants and scholarships is given to those who are fully admitted to the university and have a valid Student Aid Report (SAR, the processed FAFSA) on file with the university by March 15. For this reason, it is recommended that the FAFSA be submitted by February 15 to the central processor in order to meet these timelines.

**Scholarship awarding typically begins in mid-February and continues through April depending upon available funding. Academic Excellence will be awarded beginning in December. Federal and state grants and loans will be awarded starting in April and then throughout the academic year.**

**Federal Work-Study Program** • This program provides part-time jobs for undergraduate and graduate students as a part of their aid package. Work-Study is awarded based on financial need.

**Grants** • Grants are provided from federal and state sources for qualifying students.

FEDERAL PELL GRANT is awarded on the basis of need as calculated by the FAFSA. It is an entitlement to those students who have an Expected Family Contribution (EFC) on the SAR that falls within a specific range. The value of the award varies based on the EFC of each student. The maximum Pell Grant for 2009/2010 is \$5,350 per year. Only undergraduates or those students who do not have a prior undergraduate degree qualify. Awards are available to full-time and less than full-time students.

MISSISSIPPI TUITION ASSISTANCE GRANT (MTAG) is available to current legal residents of Mississippi who are enrolled as full-time undergraduates. In most cases, the student must have a high school grade-point average of 2.5 on a 4.0 scale and a minimum ACT of 15. MTAG is prorated for those students who receive the Pell Grant; therefore, students who receive the maximum Pell award will not be eligible for MTAG. To apply, students must complete the online state grant application available at [www.mississippi.edu/riseupms/financialaid-state.php](http://www.mississippi.edu/riseupms/financialaid-state.php). All requirements must be completed by the MTAG/MESG deadline as established each year by the state of Mississippi.

MISSISSIPPI EMINENT SCHOLARS GRANT (MESG) is available to current legal residents of Mississippi who are enrolled as full-time undergraduates. Initial application must be made as a first-year student.

In most cases, the student must have a high school grade-point average of 3.5 on a 4.0 scale and a minimum ACT of 29. National Merit/National Achievement semifinalists with a 3.5 grade-point average qualify without the test score. To apply, students must complete the online state grant application available at [www.mississippi.edu/riseupms/financialaid-state.php](http://www.mississippi.edu/riseupms/financialaid-state.php). All requirements must be completed by the MTAG/MESG deadline as established each year by the state of Mississippi.

ACADEMIC COMPETITIVENESS GRANT (ACG) is available to first- and second-year undergraduates who have completed a rigorous secondary education (high school) program of study as defined by the U.S. Department of Education, are receiving a Federal Pell Grant, and demonstrate that they have remaining financial need. Specified high school graduation dates apply. Based on 2009-10 awarding amounts, first-year students may qualify for up to \$750 per year and second-year students up to \$1,300 per year. To be considered, the student must complete a FAFSA.

NATIONAL SMART GRANT is available to third- and fourth-year undergraduates who are enrolled in specified majors (including math, science, and engineering) as defined by the U.S. Department of Education, are receiving a federal Pell Grant, and demonstrate that they have remaining financial need. The student must have a 3.0 grade-point average. Based on 2009-10 awarding amounts, students may qualify for up to \$4,000 per year. To be considered, the student must complete a FAFSA.

TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH) is available for students who wish to pursue a career as a highly qualified (licensed) teacher in a high-need subject area, serving in a low-income elementary or secondary public or private school in the United States. The student must be a U.S. citizen (or eligible noncitizen) and enrolled in a degree-seeking program. First-year students must have a 3.25 GPA from high school, and continuing students must have a 3.25 college GPA. OR students must have scored above the 75th percentile on an admissions test such as SAT, ACT, or GRE. The student must be completing course work necessary to begin a career in teaching or must plan to complete course work necessary to begin a career in teaching. To be considered, the student must complete a FAFSA and complete the TEACH request form available on the Financial Aid Web site.

## GENERAL SCHOLARSHIPS

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The scholarships listed in this section of the fall 2009 Undergraduate Catalog are offered primarily to incoming freshmen and community college transfer students attending The University of Mississippi. Many of these scholarships have been made available through the generous donations of alumni and friends of the university.

Incoming freshmen wishing to be considered for a scholarship must file a University of Mississippi application for admission and a general scholarship application, both of which are available on the Admissions Web site. Official copies of ACT and SAT scores, along with high school transcripts, should be received by the Admissions Office no later than February 1 in order for the student to be admitted in a timely manner and receive priority consideration for scholarships in the first round of awarding. The final deadline for the scholarship application is April 1. Students may submit updated high school grade information and/or improved test scores in order to increase their eligibility for scholarships such as Academic Excellence; however, the only scores accepted will be from tests taken prior to enrollment at the university.

**Fee-Specific Scholarships** • The value of a fee-based scholarship is based upon the amount of its associated fee (such as tuition, housing, nonresident charges) as itemized on the bursar bill but is capped at the amount listed in the package. The university will not process fee-specific scholarships when such awards exceed the amount of the charge. Therefore, if there is no associated fee, the scholarship does not pay. Although it is possible to have more than one fee-specific scholarship targeting the same fee, the combination of credits from these scholarships cannot exceed the amount of that fee.

For example, two scholarships that cover nonresident tuition will only pay up to the amount of the nonresident charge. The student cannot receive the difference in a refund.

## **Academic Excellence Scholarships Available to Qualified Entering Freshmen**

National Merit: The Academic Excellence National Merit Award is available to Merit and Achievement Semifinalists. The National Merit Award includes a housing scholarship (valued at the average cost of one double-occupancy room in a standard residence hall) and a stipend. The stipend is granted for four years (maximum eight regular semesters) based on full-time, continuous enrollment and a 3.0 GPA maintenance. The amount of the award is up to \$20,000 (\$5,000 per year). The housing scholarship is granted for four years (maximum of eight semesters). It applies toward on-campus housing only for the first year. If the student fulfills the obligation of on-campus housing for the first year, the final three years of the scholarship can be awarded as an off-campus housing stipend. Semifinalist nonresidents will receive an additional \$4,000 per year towards the nonresident fee. **FINALISTS:** National Merit/Achievement finalists who list The University of Mississippi as their first-choice college will receive an additional \$4,000 (\$1,000 per year) to be granted in conjunction with the Academic Excellence National Merit Award. Nonresident finalists will also receive the full nonresident scholarship to cover the full nonresident fee. Finalist awards must be confirmed by the student and the National Merit Scholarship Corporation. Students must fax a copy of their finalist letter to The University of Mississippi Office of Financial Aid by May 31 in order to be considered for these additional scholarships. The National Merit Academic Excellence Semifinalist and Finalist awards cannot be stacked with other Academic Excellence scholarships listed below.

**ACADEMIC EXCELLENCE SCHOLARSHIPS:** Entering freshmen who are Mississippi residents with a test score of 24-25 ACT with 3.00 or higher high school GPA will receive \$500 per year. Entering freshmen with a minimum cumulative high school GPA of 3.0 or higher and a minimum test score of 26 ACT or 1170 SAT are eligible for Academic Excellence scholarships. Awarding begins in December. Award amounts range from \$5,000-\$20,000 (\$1,250-\$5,000 per year). Nonresidents who have a minimum test score of 28 ACT or 1240 SAT will be eligible to receive an additional nonresident award for \$2,000 towards the nonresident fee. Nonresidents with a minimum test score of 32 will have a full nonresident scholarship. In order to be considered for any Academic Excellence awards, a student must be fully admitted to the university.

## **Sally McDonnell Barksdale Honors College**

Each year, the Sally McDonnell Barksdale Honors College awards approximately 16 scholarships to incoming freshmen. These scholarships are very competitive and are based on the application for admission to the Honors College. Students must also apply to and be accepted by the university's Office of Admissions. The scholarships are funded by three endowments:

**McDONNELL-BARKSDALE SCHOLARSHIP.** Scholarships of \$8,000 per year are awarded based on academic merit to freshmen Mississippi residents enrolled in the Honors College.

**PICHITINO SCHOLARSHIP.** Scholarship awards of \$8,000 per year are made based on academic merit to freshmen enrolled in the Honors College.

**HAROLD PARKER MEMORIAL SCHOLARSHIP.** Scholarship awards of \$8,000 per year are made based on academic merit to freshmen enrolled in the Honors College.

Additional information and applications can be obtained from the Sally McDonnell Barksdale Honors College.

## **Croft Institute for International Studies**

CROFT SCHOLARSHIP. Students planning to major in international studies must apply for admission directly to the Croft Institute for International Studies, in addition to filing an application for admission with the Office of Undergraduate Admissions, to be considered for Croft Scholarships. Each year, 10 new students are selected for four-year scholarships worth \$8,000 annually. Priority consideration is given to those students who are fully admitted to the university and whose Croft Institute applications are received by February 1. Additional information and applications can be obtained from the Croft Institute for International Studies.

## **Community College Transfer Student Scholarships**

THE COMMUNITY COLLEGE EXCELLENCE AWARD is awarded to the most outstanding community college student in Mississippi. The amount of the award is \$13,000 (\$6,500 per year, or \$3,250 per semester for two years). Candidates must be nominated by the community college they attend. Contact the community college representative in the Office of Admissions.

LEADERSHIP SCHOLARSHIPS are awarded to as many as 50 transferring community college leaders. Community college transfer students should complete the online scholarship application. To be eligible, a student must have a minimum grade-point average of 3.0, at least 48 transferable hours from the community college, and must have an outstanding record of leadership and service on the community college campus. Contact the community college representative in the Office of Admissions.

THE PHI THETA KAPPA ACADEMIC EXCELLENCE SCHOLARSHIPS are awarded to community college transfer students who are members of Phi Theta Kappa, who have a minimum grade-point average of 3.5, and who transfer a minimum of 48 hours of academic community college credit. The amount of the award is \$4,800 (\$2,400 per semester for two years). Contact the Office of Financial Aid or the community college representative in the Office of Admissions.

## **Additional Scholarships**

THE ROBERT M. CARRIER SCHOLARSHIPS. The Robert M. and Lenore W. Carrier Foundation Endowment provides scholarships for graduates of Mississippi high schools at the university. A committee appointed by the foundation selects outstanding young people to whom these awards are offered. The Carrier Scholarship is highly competitive and requires a separate application process. High school counselors or principals wishing to nominate a student can obtain an application by contacting the Office of Admissions.

THE W.R. NEWMAN SCHOLARSHIP was established in 1983 by the family of the late Mr. Newman. The award is made for eight semesters to students who demonstrate exceptional academic ability. The Newman Scholarship is highly competitive and requires a separate application process. High school counselors or principals wishing to nominate a student can obtain an application by contacting the Office of Admissions.

THE LUCKYDAY MERIT SCHOLARSHIP is available to all National Merit/Achievement finalists who are residents of Mississippi. The Luckyday Merit Scholarship is competitive with minimum annual awards of \$3,000.

THE CHANCELLOR'S LEADERSHIP CLASS SCHOLARSHIPS total \$1,000 (\$500 per semester for one year). Members of the Chancellor's Leadership Class must exhibit outstanding leadership and a strong classroom performance, be nominated by their high school principals, and be selected by the Chancellor's Leadership Class Committee. This scholarship is for one year only. Nomination forms are sent to all Mississippi principals and to selected out-of-state schools around March 1. Nominations should be returned by April 1.



THE HIGH SCHOOL VALEDICTORIAN AND SALUTATORIAN SCHOLARSHIP is offered to entering students who are ranked No. 1 or 2 in their high school graduating class. Priority consideration is given to those students who are fully admitted to the university by February 1. The award is \$1,000 each year (\$500 per semester).

THE MR. AND MRS. E.H. SUMNERS FOUNDATION GRANTS, established in 1977 by Mrs. Sumners of Eupora, Mississippi, to provide grant assistance for students from Attala, Carroll, Choctaw, Montgomery, and Webster counties who are enrolled at the university. There is a separate Sumner's Grant Application available online at <http://www.olemiss.edu/finaid/>. Awarded amounts can vary from year to year, and final eligibility is determined by the Sumner Foundation.

THE LUCKYDAY SCHOLARSHIP is available to entering Mississippi freshmen who attain a 20 or higher on the ACT and a 3.2 or higher high school cumulative GPA and have financial need. In order to be considered for this award, a student must complete the Entering Freshman Scholarship Application by February 15 and must file the FAFSA. Awards are granted on a funds-available basis.

THE NONRESIDENT ALUMNI AWARD is available to entering undergraduate, graduate, or law students who are nonresidents of Mississippi, provided either parent is a former university student who was enrolled as a full-time student for six regular (fall/spring) semesters of attendance during an academic year or received a degree from the university. Married students and students who are classified as Mississippi residents are not eligible for this award. This award, if combined with other nonresident scholarships, cannot exceed the amount of the nonresident fee. This award covers \$750 per semester of nonresident tuition. It is renewable provided the student maintains a 2.5 grade-point average.

THE CHILDREN OF FACULTY/STAFF SCHOLARSHIP was established for dependent undergraduate children of permanent full-time faculty and staff members. If the parent was employed prior to July 1, 1977, the scholarship will cover 100 percent of tuition. If the parent was employed on or after July 1, 1977, the scholarship is 50 percent of the tuition charge.

FOREIGN STUDENT SCHOLARSHIPS. The university offers a limited number of scholarships to foreign students. Application should be made to the Office of International Programs.

## **Service Scholarships for Participating Students**

Stipends vary from \$50 to \$1,500 per academic year and, in instances where nonresident students are awarded service awards, the scholarship stipend may include an allowance to be applied toward the nonresident tuition charge.

BAND SCHOLARSHIPS: Applications should be directed to the director of the University Band. Please call (662) 915-7390 for assistance.

CHORAL SCHOLARSHIPS: Applications should be directed to the director of the University Chorus. Please contact (662) 915-5115.

ORCHESTRA SCHOLARSHIPS: The university awards scholarships to members of the University Orchestra. Applications should be directed to the director of the University Orchestra. Please contact (662) 915-1514.

ROTC SCHOLARSHIPS: The Air Force, Army, and Naval (Navy/Marine) Reserve Officer Training Corps (ROTC) make four-year, three-year, and two-year full-tuition scholarships (includes books, fees, and subsistence allowance) available each year on a competitive basis. Once enrolled in ROTC on a non-scholarship basis, a student will find several additional full-tuition scholarships that are available on a "best qualified" basis. It is not necessary to complete the FAFSA to apply for ROTC scholarships. ROTC scholarships and subsistence allowances are considered to be financial aid resources available to cover a portion of the annual costs of education. Since these resources are part of the financial aid package, they may conflict with eligibility for other types of financial aid such as loans and work-study. Students who receive notice of an ROTC scholarship after an original financial aid package has been awarded

may be required to renegotiate the financial aid packages with possible resulting loss of need-based and budget-based awards.

## **ENDOWED SCHOLARSHIPS**

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Contributions have been made to The University of Mississippi that are specifically designated for scholarships. Each year, based on the availability of funds, these scholarships are awarded by a university committee to qualifying freshmen or transfer students, with preference given to freshmen. In order to be **automatically considered** for awarding, students should be fully admitted to the university with a completed university scholarship application filed by February 1, but no later than April 1. For a full description of these scholarships please visit <http://www.olemiss.edu/finaid/>.

## **COLLEGE OF LIBERAL ARTS**

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Scholarships are made available by donations from alumni and friends of the college. For a listing of these scholarships and contact information for application, please visit the College of Liberal Arts Web site at [www.olemiss.edu/depts/liberal\\_arts/](http://www.olemiss.edu/depts/liberal_arts/)

## **PATTERSON SCHOOL OF ACCOUNTANCY**

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Scholarships are made available by donations from alumni and friends of the school. For a listing of these scholarships and contact information for application, please visit the Patterson School of Accountancy Web site at: [www.olemiss.edu/depts/accountancy/](http://www.olemiss.edu/depts/accountancy/)

## **SCHOOL OF APPLIED SCIENCES**

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Scholarships are made available by donations from alumni and friends of the school. For a listing of these scholarships and contact information for application, please visit the School of Applied Sciences Web site at [http://www.olemiss.edu/depts/applied\\_sciences/student%20pages/scholarships.html](http://www.olemiss.edu/depts/applied_sciences/student%20pages/scholarships.html)

## **SCHOOL OF BUSINESS ADMINISTRATION**

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Scholarships are made available by donations from alumni and friends of the school. For a listing of these scholarships and contact information for application, please visit the School of Business Administration Web site at <http://www.olemissbusiness.com/student/scholarships/index.html>

## **SCHOOL OF EDUCATION**

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Scholarships are made available by donations from alumni and friends of the school. For a listing of these scholarships and contact information for application, please visit the School of Education Web site at [http://www.olemiss.edu/depts/educ\\_school2/current/scholarships.html](http://www.olemiss.edu/depts/educ_school2/current/scholarships.html)

## **SCHOOL OF ENGINEERING**

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Scholarships are made available by donations from alumni and friends of the school. For a listing of these scholarships and contact information for application, please visit the School of Engineering Web site at [http://www.olemiss.edu/depts/engineering\\_school/students/prospective/scholarships.html](http://www.olemiss.edu/depts/engineering_school/students/prospective/scholarships.html)

## **SCHOOL OF PHARMACY**

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Scholarships are made available by donations from alumni and friends of the school. For a listing of these scholarships and contact information for application, please visit the School of Pharmacy Web site at <http://www.pharmacy.olemiss.edu/ap/undergrad/index.html>

## **THE OLE MISS WOMEN'S COUNCIL FOR PHILANTHROPY SCHOLARSHIPS**

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Scholarships are made available by donations from alumni and friends of the school. For a listing of these scholarships and contact information for application, please visit the Ole Miss Women's Council for Philanthropy Scholarships Web site at [www.olemiss.edu/finaid/EndowedListing.html#WomensCouncil](http://www.olemiss.edu/finaid/EndowedListing.html#WomensCouncil)

## **THE OLE MISS FIRST SCHOLAR AWARDS**

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Scholarships are made available by donations from alumni and friends of the school. For a listing of these scholarships and contact information for application, please visit the Ole Miss First Scholar Awards Web site at [www.olemiss.edu/finaid/EndowedListing.html#ServiceScholarships](http://www.olemiss.edu/finaid/EndowedListing.html#ServiceScholarships)

## **LOAN PROGRAMS**

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**FEDERAL PERKINS LOAN PROGRAM.** The Perkins Loan Program is a low-interest, federally funded loan program. The loan is administered by the university and is based on need. As long as the student is enrolled in school, the federal government subsidizes the interest, which is 5 percent. Repayment begins nine months after the student graduates or leaves school. The repayment term is up to 10 years with a minimum monthly payment of \$40.

**FEDERAL SUBSIDIZED STAFFORD LOANS.** The Federal Subsidized Stafford Loan is a low-interest loan made to students who demonstrate financial need. Undergraduates may borrow up to \$3,500 for the freshman year, \$4,500 for the sophomore year, and \$5,500 for the junior and senior years. Undergraduate students may borrow an aggregate limit of \$23,000. The interest rate is fixed at 5.6 percent. While enrolled in school at least half-time, the interest is paid by the federal government. Repayment begins after a six-month grace period once the student graduates, withdraws, or drops below half-time status. The repayment term is up to 10 years.

**FEDERAL UNSUBSIDIZED STAFFORD LOANS.** This loan is not based on financial need. Including any amounts awarded as Stafford Subsidized loan funds, undergraduates may borrow up to \$5,500 for the freshman year, \$6,500 for the sophomore year, and \$7,500 for the junior and senior years. The aggregate limit is \$31,000. The student is responsible for paying the interest while enrolled in school and during any grace period or deferment. The interest rate is fixed at 6.8 percent. A student may opt to have the interest deferred and accrued or choose to pay the interest charges while enrolled. Students may borrow a combination of subsidized and unsubsidized loans, but they may not exceed the annual

or aggregate loan limits stated previously. Repayment terms are the same as for the Federal Subsidized Stafford Loan. Independent undergraduates, and dependent undergraduates whose parents cannot borrow under the federal PLUS program, may be eligible for an additional \$4,000 for the first or second year and up to \$5,000 for each remaining undergraduate year.

**FEDERAL PARENT PLUS PROGRAM.** The Federal PARENT PLUS Program is for parents of dependent students and is based on credit worthiness. Under this program, parents may borrow up to the cost of education at a particular institution minus any financial aid a student receives. The interest rate is fixed at 8.5 percent and begins immediately. The repayment term is up to 10 years.

**THE GEORGE C. AND LAURA MCKINSTRY SCHOLARSHIP/LOAN FUND** was established in 1973 by Dr. McKinstry in memory of his mother and father to provide low-interest loans to young men and women of character who have successfully completed one semester of college work. Preference is given to residents of Jones and Jasper counties in Mississippi.

**FEDERAL HEALTH PROFESSION STUDENT LOAN PROGRAM.** The Federal Health Profession Student Loan Program is a low-interest, federally funded loan program available to students enrolled in pharmacy. The loan is administered by the university and is based on a need analysis that includes parental (regardless of the student's age) and student financial, demographic, and household information. While the student is enrolled in school and until repayment begins 12 months after leaving school, interest does not accrue.

**PRIVATE (OR "ALTERNATIVE") STUDENT LOANS** may be an important funding source for students who are ineligible for federal student loans or who need more loan funds than the federal and university programs can supply. Private loans are not federally guaranteed and can take several weeks to process. All private loan programs require a credit check and/or an income-to-debt ratio check on either the borrower or co-signer or both.

**THE J.R. SCRIBNER, JR., SCHOLARSHIP/LOAN FUND** was established in 1997 by J.R. Scribner, Jr., to assist deserving young men and women of Mississippi who are pursuing an education at The University of Mississippi. Recipients shall be full-time students who are Mississippi residents with preference given to those residing north of Highway 82. Loan details are available from the Office of Financial Aid.

**THE MR. AND MRS. J. RUSSELL JOHNSON LOAN FUND.** This fund was established in 1958 through a bequest of the late Mr. Johnson. Students enrolled in civil engineering may receive loans from this fund. Loans bear a 4 percent interest rate. The repayment term is up to 10 years.

## **EQUAL OPPORTUNITY AND REGULATORY COMPLIANCE**

Wilma Webber-Colbert, executive director and Title IX coordinator, Office of Equal Opportunity and Regulatory Compliance • 217 Martindale • (662) 915-7735 • tty (662) 915-1570 • eeo@olemiss.edu

The University of Mississippi does not discriminate against any student based on race, color, religion, sex, national origin, handicap status, age, veteran status, or sexual orientation. The University of Mississippi is committed to fostering an environment that prevents sexual harassment of students. The university's Sexual Harassment Policy covers the relationship between a faculty member and a student when the faculty member has a professional responsibility for the student. Consensual sexual relationships between the instructional staff and students and/or athletics staff and student athletes are considered unwise and strongly discouraged. Any student who feels that he or she has been discriminated against or sexually harassed is entitled to seek relief by submitting a complaint to the executive director of Equal Opportunity and Regulatory Compliance. If informal resolution is not possible, the complaint procedure outlined in the university's Sexual Harassment Policy will be followed.

University policy prohibits retaliation against any complainant or witnesses involved in an investigation.

For more information about the university's policies on affirmative action and sexual harassment, see the policy directory at <https://secure4.olemiss.edu/umpolicyopen/index.jsp>. The executive director also coordinates complaints regarding the Americans with Disabilities Act (ADA) and Title IX of the Education Amendments.

## **OFFICE OF STUDENT DISABILITY SERVICES**

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Stacey Reycraft, director • 234 Martindale • (662) 915-7128 • tty (662) 915-7907 • [sds@olemiss.edu](mailto:sds@olemiss.edu) • [www.olemiss.edu/depts/sds](http://www.olemiss.edu/depts/sds)

The University of Mississippi is committed to ensuring equal access to an education for enrolled or admitted students who have verified disabilities under Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 (ADA). The office serves those with physical and nonphysical disabilities, including but not limited to learning disorders, attentional disorders, mobility, deafness/hard of hearing, blindness/low vision, and psychiatric and chronic illnesses. University policy calls for reasonable accommodations to be made for eligible students with verified disabilities on an individual and flexible basis.

It is the responsibility of students with disabilities to seek available assistance from the university and to make their needs known in a timely manner by contacting the Office of Student Disability Services (SDS). A Student Request for Reasonable Accommodations/Modifications Intake Form must be completed and documentation from a licensed health care professional must be submitted before eligibility for accommodations can be confirmed. For a copy of the intake form, or for additional information, contact the staff at the SDS office.

## **LOUIS STOKES MISSISSIPPI ALLIANCE FOR MINORITY PARTICIPATION**

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Jacqueline Vinson, project coordinator • 109 Somerville • (662) 915-7427 • [jvinson@olemiss.edu](mailto:jvinson@olemiss.edu)

LSMAMP is a joint effort between the National Science Foundation, the state of Mississippi, and Mississippi's eight state universities. The goal of LSMAMP is to increase the number of graduates in science, engineering, and mathematics who are members of traditionally underrepresented minorities. LSMAMP offers a summer bridge program for entering freshmen, the "Guaranteed 4.0 Program," seminars on skills for academic success, and financial incentives for qualified applicants. IMAGE (Increasing Minority Access to Graduate Education) also is a part of LSMAMP during the academic year, offering tutoring, mentoring, professional conferences, summer research internships, Guaranteed 4.0 Seminar, study sessions, statewide IMAGE retreats, networking, financial support, walk-in IMAGE Center, and other activities designed by IMAGE scholars.

## UNIVERSITY WRITING CENTER

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Brenda Robertson, director • J.D. Williams Library • (662) 915-7689 • [writingsc@olemiss.edu](mailto:writingsc@olemiss.edu)

The University Writing Center offers a free support service for student writers in all disciplines and at every level of development or ability. The Writing Center's main purpose is to offer student writers one-on-one consultations concerning class assignments or any other writing projects. Writing consultants are experienced English Department graduate instructors. Students make appointments through an online appointment calendar and then meet with the consultants to discuss writing concerns such as understanding an assignment, brainstorming, development of ideas/critical thinking, audience consideration, organization, stylistic choices, grammar, research documentation, or document presentation. Students have the most effective writing consultation experiences when they make appointments early in the writing process and have specific questions on which to focus. Writing consultants do not estimate the grade a student might receive for an assignment but offer constructive criticism and encouragement to all. Current University Writing Center hours are available at [www.olemiss.edu/depts/writing\\_center/](http://www.olemiss.edu/depts/writing_center/).

## INFORMATION TECHNOLOGY

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Dr. Kathy Gates, chief information officer • 302 Powers Hall • (662) 915-7206 • [it@olemiss.edu](mailto:it@olemiss.edu) • <http://www.olemiss.edu/depts/it>

The Office of Information Technology (IT) offers students a wide array of services, from supercomputers to personal computing support to e-mail accounts and space for creating Web pages. Residence halls, academic and administrative buildings, and some fraternity and sorority houses are wired for direct network access, and many areas such as the residence halls are also wireless-enabled. Students may contact the IT Helpdesk (<http://www.olemiss.edu/helpdesk>) by phone (662-915-5222), e-mail ([helpdesk@olemiss.edu](mailto:helpdesk@olemiss.edu)) or walk-in (Galtney Center in Weir Hall) for technological assistance.

IT maintains public computing labs (<http://www.olemiss.edu/itlabs>) in the Galtney Center in Weir Hall with approximately 70 desktop units distributed across Windows and Macintosh platforms. These computers are configured with Web browsers, office application software, and other special-purpose programs. They are connected to color and noncolor laser printers and digital scanners. Students may reserve a small high-end lab to produce multimedia presentations for class. An interactive teaching lab of 18 networked computers is available for seminars and special class sessions.

Agreements with major software and hardware vendors provide students the opportunity for discounts on purchases (<http://www.olemiss.edu/computers>). The Helpdesk Store (<http://hdstore.olemiss.edu>) offers computer-related services and educational pricing on Apple computers and software.

An Appropriate Use Policy (<http://www.olemiss.edu/ause.html>), which reflects academic honesty, ethical behavior, and consideration in the consumption of shared resources, governs the use of all campus computer facilities. This document appears in the *UM Policy Directory* (<http://www.olemiss.edu/policies>) and is binding on all students.

## STUDENT EMPLOYMENT

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Student Employment Office • Paul Johnson Commons Southeast • (662) 915-5690

The Student Employment Office processes payroll forms for students employed on campus. Student employment listings are available online at [jobs.olemiss.edu](http://jobs.olemiss.edu) and/or within departments. Student employment is not a part of financial aid and should not be confused with the Federal Work-Study Program. Students wishing to find employment off campus are encouraged to contact the Career Center, which provides a clearinghouse for employers and student employees.

## CAREER CENTER

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Toni Avant, director • 303 Martindale Center • (662) 915-7174

The Career Center provides a wide variety of programs for students of differing career needs. The services are offered to help students select a major, develop career goals, identify potential employment opportunities, and learn job search and marketing strategies. Services provided for university students include the following:

**Career Exploration** • Counseling is available for individual career concerns. Several decision-making, interest, and general self-assessment inventories are available. A career resource library is maintained, enabling students to conduct a self-guided career and graduate school search. Internet job search tools and resources also are accessible in the Career Center.

**Courses** • Career and Life Planning (EDLD 301) is offered to juniors and seniors who desire job search training. The course provides students an opportunity to 1) explore interests, skills, lifestyle preferences, personal and career values, and to relate them to the career decision-making process; 2) learn the tools necessary for developing an effective job search; 3) set goals for future career and life planning.

**Internships/Part-time Jobs** • The Job Location and Development (JLD) Program assists students in locating and obtaining off-campus part-time jobs. A database houses internship opportunities, collected from employers who have made direct contact with the university to recruit students. Internship directories and career binders containing summer jobs and internship listings are also available. In addition, the Career Center subscribes to Internships.com and holds an annual Internship Fair to help students network with employers.

**Campus Interviews** • Through the campus interview program, assistance is offered to students seeking permanent employment. Recruiters from business, industry, government, and education visit campus to interview students for career opportunities. A central resume database is utilized to refer candidates' résumés to employers who contact the department. Credential files also are maintained.

**Career Fairs** • The Career Center holds six career fairs every year. The fairs allow students to network with employers from corporate, education, government, and non-profit sectors.

**Career Links** • Through Career Links, an Internet database, students can network with alumni employed in various career fields.

## CULTURAL OPPORTUNITIES

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**Artist Series** • The Artist Series, directed by a student, faculty, and staff committee, brings a number of distinguished performing artists in the fields of music, theater, and dance to the campus each academic year.

**University Lectures** • In 1960, Mrs. Ann Waller Reins Longest established the Christopher Longest Lecture Fund in recognition of Professor Longest's distinguished service to the university from 1908 to 1951 in the departments of Classics and Modern Languages. The annual *Longest Lectures* are delivered by scholars in the fields of modern languages and English.

In 1972, the students, colleagues, and friends of James Edwin Savage, professor of English, established the *James Edwin Savage Lectures* in honor of his contributions to teaching and scholarship in the Renaissance. The James Edwin Savage Lectures are given by outstanding scholars in the fields of Renaissance literature, art, history, music, and philosophy.

In 1973, the School of Pharmacy established the *Charles W. Hartman Memorial Lecture* to recognize the contributions of Charles W. Hartman, former dean of the School of Pharmacy, to the pharmaceutical sciences. Annually, an internationally recognized leader in pharmacy is selected to deliver the lecture.

The *Arch & Adine Dalrymple Lecture in Mathematics*, established in 1988, brings distinguished mathematicians to the university to speak on mathematics and mathematics research.

In 1998, the Department of Pharmacy Administration established the *Rachel and Winfield Cotton Lecture* to recognize Mr. Cotton's contributions to pharmaceutical wholesaling. The lectures are delivered by scholars in the fields of development and distribution of pharmaceutical products.

The School of Pharmacy established the *Coy W. Waller Distinguished Lecture* in 2004 as a way of recognizing Dr. Waller's contributions to his discipline and the School of Pharmacy. Each year the lecture is hosted by a department within the school. Lecturers are selected for their contributions to the host department's discipline.

In 2005, the Department of Medicinal Chemistry established the *Ronald F. Borne Distinguished Lecture in Medicinal Chemistry* to recognize Dr. Borne's contributions to the department. The lectures are delivered by scholars in the fields of medicinal chemistry and synthetic drug discovery.

Regular noon-time lectures are presented during the academic year by the Center for the Study of Southern Culture, the University Museums, and the Sarah Isom Center for Women. The College of Liberal Arts sponsors a monthly forum of speakers from its faculty. The Philosophy Department sponsors a monthly lecture and discussion series. Many university departments hold regular seminars featuring distinguished outside or local speakers.

## PERFORMING ARTS GROUPS

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VOCAL MUSIC GROUPS. The **University Concert Singers** have performed at American Choral Directors Association conventions, as well as in other important regional and national venues. The **University Chorus** provides an additional opportunity for mixed ensemble performance; mens' and



womens' portions of this ensemble have performed at state and national ACDA conferences and other regional conventions. The **University Chamber Singers** perform a wide variety of vocal chamber literature. The **University Opera Theatre** offers a comprehensive laboratory experience, culminating in a scenes recital in the fall and a fully staged opera in the spring. The **Mississippi Early Music Ensemble** is a vocal/instrumental group that performs music of the 12th through early 18th centuries. The group includes both faculty members and students as instrumental and vocal performers.

**INSTRUMENTAL MUSIC GROUPS.** The **University Symphonic Band** and **University Concert Band** perform a series of campus concerts; the **University Wind Ensemble** performs invitational concerts and on tour. The **Ole Miss Marching Band** appears at university football games during the fall semester. The **University Orchestra** performs a series of campus, tour, and invitational concerts. There are two "big band" jazz ensembles: **The Mississippians** and **The Collegians**. The **University Steel Drum Band** and the **Percussion Ensemble** also perform regularly throughout the region. **Instrumental Chamber Music Ensembles** perform on campus and throughout the area.

**THEATRE GROUPS.** The **Ole Miss Theatre** performs a mixture of contemporary plays, period plays, musicals, studio productions, and dance concerts. **SHOWSTOPPERS** is a musical theater company that produces a full-length revue of production numbers from Broadway and West End musicals. **MISSISSIPPI: THE DANCE COMPANY** produces the department's annual concert dance program, featuring numbers in the modern, ballet, jazz, and tap styles.

## **STUDENT GOVERNMENT**

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With the wholehearted support of the administration, student government has proved itself to be forward-looking, mature in viewpoint, and cooperative yet independent. It contributes much to student life and to the university as a whole.

**Associated Student Body** • In 1951, the current model for the Associated Student Body was created by the adoption of the ASB Constitution. Its organization is based on our national government, with an executive branch headed by the ASB president; a legislative branch led by the ASB vice president who serves as president of the campus senate; and a judicial branch overseen by the ASB judicial chairman.

Six elected positions are in the Associated Student Body: president, vice president, secretary, treasurer, judicial chairman, and attorney general. These officials are elected in February of each year and begin their terms at the end of March serving a one-year term.

## **STUDENT CONDUCT AND DISCIPLINE**

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The broad purpose underlying student discipline is to order university living in such a way that the interests of the student body as a whole and of the individual members are best served. The university's responsibility extends to the conduct of all students on the campus of The University of Mississippi. The university reserves the right to sever the connection of any student with the university for appropriate reason. When a situation of a disciplinary nature arises, every effort is made to discover the reasons underlying the behavior in question so that constructive steps for the future may be taken. The standards of conduct and disciplinary procedures are stated in detail at The University of Mississippi policy directory located at the following Web address: <https://secure.olemiss.edu/umpolicyopen/index.jsp>.

## DEAN OF STUDENTS

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Dr. Thomas J. “Sparky” Reardon, dean • 422 Union • (662) 915-7248 • sparky@olemiss.edu

The Dean of Students Office is responsible for all student activities outside of academics, such as leadership opportunities through student government, honorary societies, Greek life, and programs that enhance and complement academic areas. The dean of students supervises selection of honors such as Who’s Who Among Students in American Universities and Colleges and the Ole Miss Student Hall of Fame, coordinates nonacademic disciplinary procedures, and serves as the crisis intervention center for the university.

## SOCIAL OPPORTUNITIES

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**Student Organizations, Societies, and Clubs** • Descriptions of these organizations may be found on the Dean of Students Web site at [www.dosomeiss.edu](http://www.dosomeiss.edu).

**Social Affairs** • Student social affairs operate under policies established by a student-faculty committee. Responsibility for their proper conduct is placed on committees established for this purpose. All organizations, fraternal or otherwise, are required to adhere to regulations approved by the university administration as stated in the online *M Book*, found on the Dean of Students’ Web site, [www.olemiss.edu/depts/dean\\_of\\_students/](http://www.olemiss.edu/depts/dean_of_students/).

## SOCIAL FRATERNITIES AND SORORITIES

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Eighteen national fraternities and 13 national sororities have chapters on the campus. The activities of these organizations are governed by the Interfraternity Council, the National Pan-Hellenic Council, and the Panhellenic Council. Recommendations of the councils are subject to the approval of a faculty-student committee, of which the officers of the councils are members. The purposes of the councils are to maintain a high standard of fraternity life and interfraternity relations; to compile and enforce regulations governing recruitment, pledging, and initiation; to promote intellectual achievement and scholarship; and to cooperate with the university administration in the maintenance of high social standards.

### FRATERNITIES

Alpha Phi Alpha  
Alpha Tau Omega  
Beta Theta Pi  
Delta Kappa Epsilon  
Delta Psi/St. Anthony Hall  
Kappa Alpha Order  
Kappa Alpha Psi  
Kappa Sigma  
Omega Psi Phi  
Phi Beta Sigma  
Phi Delta Theta  
Phi Kappa Psi  
Phi Kappa Tau  
Pi Kappa Alpha  
Sigma Alpha Epsilon  
Sigma Chi

Sigma Nu  
Sigma Phi Epsilon

### SORORITIES

Alpha Kappa Alpha  
Alpha Omicron Pi  
Chi Omega  
Delta Delta Delta  
Delta Gamma  
Delta Sigma Theta  
Kappa Alpha Theta  
Kappa Delta  
Kappa Kappa Gamma  
Phi Mu  
Pi Beta Phi  
Sigma Gamma Rho  
Zeta Phi Beta

## RELIGIOUS LIFE

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**Nonsectarian** • The University of Mississippi is a state institution and is therefore wholly nonsectarian. Every encouragement is given to the continued growth and development of character and the highest spiritual aspirations of students. The ministers of Oxford and the chaplains, directors, and advisers to the campus religious groups provide resources for the fulfillment of these goals.

**Religious Organizations** • Serving as a channel of communication is the Religious Activities Office within the Dean of Students Office. The religious programs are conducted through various organizations of university students and encourage participation and preparation for leadership in their respective religious affiliations.

Campus Crusade for Christ  
Catholic Campus Ministry  
Chi Alpha  
Chinese Christian Fellowship  
Episcopal Church  
Fellowship of Christian Athletes  
Interfaith Dialogue Organization  
International Christian Fellowship (Navigators)  
Latter Day Saints Student Association

Muslim Student Association  
Oxford Church of Christ  
Peace Lutheran Church and Student Center  
Pentecostal Youth Fellowship  
Rebels for Christ  
Reformed University Fellowship  
Students Tearing Down Strongholds  
Wesley Foundation (United Methodist Campus Ministries)  
Westminster Fellowship (Presbyterian)

## OFFICE OF INTERNATIONAL PROGRAMS

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331 Martindale • (662) 915-7404 • ipadmiss@olemiss.edu

The Office of International Programs assists international students with admission and placement, arrival services and orientation, counseling, and intercultural, social, and educational activities. The staff supports and assists in the organization of intercultural activities and festivals, and other activities to encourage social interaction among students from throughout the world. International document processing and visa advisory services are offered for international students, researchers, staff, and faculty.

## CAMPUS RECREATION

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William Kingery, director • 214 Turner • (662) 915-5591 • mrbill@olemiss.edu

The university promotes and offers a well-rounded program of leisure-time activities through the Department of Campus Recreation. Structured and unstructured recreational opportunities are available through intramural sports, sport clubs, Ole Miss Outdoors, Ole Miss Fit Aerobics, informal recreation, aquatics, and facility management. Skill level is not a prerequisite for entering into any of the programs, which are all offered to male and female students.

Students are encouraged to make full use of the indoor and outdoor facilities available for recreational use. The Turner Center (including a fitness center and indoor pool), multipurpose fields, tennis courts, Ole Miss Golf Course, and other recreational facilities are available throughout the year. Students are encouraged to inquire within the Department of Campus Recreation about numerous job opportunities related to campus recreation.

## **INTERCOLLEGIATE ATHLETICS**

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The university is one of the founding members of the Southeastern Conference. The intercollegiate athletics program is managed by the Department of Intercollegiate Athletics under the direction of the chancellor and an advisory committee. Conference sports in which the university participates include football, baseball, basketball, golf, tennis, track & field, cross-country, rifle, soccer, softball, and volleyball.

## **FRIST STUDENT SERVICE AWARD**

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Two awards, named in honor of Dr. Thomas F. Frist, are made annually to a faculty member and a staff member who have provided exceptional services to students on campus. The recipients of the award are Aileen Ajootian (classics), Donald Cole (Graduate School), Vaughn Grisham (sociology), Sue Hodge (School of Business Administration), Pamela Lawhead (computer science), Barbara Leeton (College of Liberal Arts), Gloria McGregor (School of Applied Sciences), Max Miller (financial aid), James O'Neal (health professions), Terry Panhorst (geology and geological engineering), Ginger Patterson (Office of Summer School), Margie Potts (theatre arts), Melinda Pullen (student housing and residence life), Thomas Reardon (dean of students), Marc Showalter (University Counseling Center), Linda Spargo (Office of Chancellor), William Staton (mathematics), Kenneth J. Sufka (psychology), Patricia Treloar (mathematics), John Winkle (political science).

## **CAMPUS PROGRAMMING**

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Jennifer Jones Taylor, director • 419 Student Union • (662) 915-1044 • [jjtaylor@olemiss.edu](mailto:jjtaylor@olemiss.edu)

The mission of the Department of Campus Programming is to enhance the social, cultural, and educational opportunities for students and the university community through innovative and entertaining activities and programs. Serving as a programming resource for the university, the Department of Campus Programming often partners with campus organizations and departments to sponsor a variety of events and activities. Committed to the development of leadership and citizenship among students, the Department of Campus Programming strives to promote excellence in student activities programming. Under the leadership of the Department of Campus Programming, the Student Programming Board (SPB) provides campus entertainment and opportunities for student involvement in programming. Sponsoring more than 125 events each year, the SPB promotes the activity of student life through special events, multicultural programs, pageants, musical entertainment, and a weekly movie series.

**Welcome Week** • A full week of activities at the beginning of the fall term is scheduled to provide new students with opportunities to meet classmates and gain added information to make transitions easier, and to welcome them into the Ole Miss family.

# Division of Outreach and Continuing Education

Timothy R. Angle, assistant provost for outreach and summer school • E.F. Yerby Conference Center • (662) 915-7283 • outreach@olemiss.edu • www.outreach.olemiss.edu

The Division of Outreach and Continuing Education provides professional development, including testing; alternate education such as online, independent study, and study abroad; intensive English; summer, weekend, and personal enrichment programming; and conference services.

DOCE's mission is to promote the educational goals of, and provide access to, The University of Mississippi by acting as a catalyst for the design and delivery of innovative programming; promoting partnerships, integration and collaboration across the campus and in the community; expanding the university's outreach to traditional and nontraditional students by providing a wide range of educational opportunities made available via multiple venues, flexible scheduling, and a variety of instructional media; giving voice to the intellectual, literary, and cultural traditions of our region; and developing the university's global presence and enriching international diversity. The division has supervisory responsibility for the courses and programs offered through the university's off-site locations at Tupelo, Southaven, Booneville, and Grenada.

## OFF-CAMPUS LEARNING

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Students taking classes at any of the regional campuses are considered to be in residence at the university. The regional campuses are supervised by the Division of Outreach and Summer School.

**Booneville** • Dr. James P. Pate, dean • 105 Hargett Hall, Northeast Mississippi Community College, Booneville, MS 38829 • (662) 720-7781 • fax (662) 720-7163 • www.olemiss.edu/booneville

The University of Mississippi-Booneville site works in cooperation with The University of Mississippi-Tupelo campus to provide junior- and senior-level courses in business, criminal justice, liberal arts, paralegal studies, and graduate-level education. Students who live and work in the northern-most parts of Northeast Mississippi can take advantage of enrolling in many of their required courses at UM-Booneville. Although most students will need to attend the Tupelo campus for some of the courses required to complete their degree, attending classes in Booneville can be a great assistance to students who have work and family commitments in the area.

**DeSoto Center-Southaven** • Dr. Bonnie Buntin, dean • 5197 W.E. Ross Parkway, Southaven, MS 38671 • (662) 342-4765 • fax (662) 342-5208 • southaven@olemiss.edu • www.olemiss.edu/southaven

Located in the DeSoto Center, The University of Mississippi DeSoto Center-Southaven program serves nontraditional as well as full-time traditional students. In partnership with Northwest Mississippi Community College (NWCC), the university offers undergraduate courses in accountancy, business administration, education, liberal arts, applied sciences, and nursing, as well as graduate courses in education and accountancy. Facilities include a jointly operated library with NWCC, a networked

computer laboratory, distance-learning classrooms that make courses available from the Oxford campus, and meeting space for credit courses and noncredit and community programs.

**Grenada** • Dr. Ryan Niemeyer, director • Holmes Community College, Grenada, MS 38901 • (662) 227-3384 • (866) 230-8239 • fax (662) 227-2374 • [www.olemiss.edu/grenada](http://www.olemiss.edu/grenada)

The University of Mississippi and Holmes Community College have recently developed a partnership to bring classes to the Holmes-Grenada Center to serve both traditional and nontraditional students in the Grenada area. The UM-Grenada office is located on the Holmes Community College-Grenada Center campus next door to the Corey Auditorium in the main administration building. Students admitted to the university at Grenada are organized into specified cohorts. Graduate education degrees as well as the completion of the undergraduate degree in elementary education are programs presently offered at Grenada.

**Tupelo** • Dr. James P. Pate, dean • 1918 Briar Ridge Road, Tupelo, MS 38804 • (662) 844-5622 • fax (662) 844-5625 • [tupelo@olemiss.edu](mailto:tupelo@olemiss.edu) • [www.olemiss.edu/tupelo](http://www.olemiss.edu/tupelo)

The University of Mississippi Tupelo program serves nontraditional as well as full-time, traditional students. Upper-division undergraduate courses are offered in accountancy, business administration, education, liberal arts, and applied sciences. Graduate courses are offered in education. Housed in the Advanced Education Center, located adjacent to the Vocational Technical Center of Itawamba Community College, the university works in partnership with ICC and the Mississippi University for Women. Facilities include networked computer labs, distance-learning classrooms, and meeting space for credit courses and noncredit and community programs.

## **INDEPENDENT STUDY AND OLE MISS ONLINE COURSES**

**Department of Online Learning and Independent Study** • Anne M. Klingen, director • Suite M, Third Floor, Martindale • (662) 915-7313 • [indstudy@olemiss.edu](mailto:indstudy@olemiss.edu) • <http://indstudy.olemiss.edu> • [online@olemiss.edu](mailto:online@olemiss.edu) • <http://online.olemiss.edu>

Independent study courses are courses that are administered by the Department of Online Learning and Independent Study, asynchronous with the normal academic calendar, and involve communication between the student and instructor through the mail (traditional correspondence course) or via an electronic (Internet-based) mode. Students admitted to the university who wish to take a correspondence or an electronic independent study course must take it through the Department of Online Learning and Independent Study if the desired course is available through the department. Also, prior approval by the student's academic dean is required before an independent study course can be taken.

Courses not available through the Department of Online Learning and Independent Study may be taken by correspondence or via the Internet from another institution and will be treated as transfer courses. Additionally, prior written approval of the student's academic dean is required before a student can take an independent study (correspondence or Internet-based) course from another institution.

Independent study courses taken from The University of Mississippi are considered resident credit for purposes of loan eligibility and for meeting other requirements involving academic residency.

A maximum of 33 hours of independent study courses may be applied to a baccalaureate degree. Independent study (correspondence or Internet-based) courses may not be used to satisfy the university core course in mathematics.

A University of Mississippi student is not considered officially enrolled in a course through the Department of Online Learning and Independent Study until he/she completes the mid-course examination, or if there is no mid-course examination, one half of the required course work. Once the student has completed this work, he/she will not be allowed to withdraw from the course, and a grade (A, B, C, D, or F) must be assigned. Generally, a student has one calendar year to complete an independent study course and may purchase up to two three-month extensions of the deadline. Students who select to use independent study courses to qualify for federal aid must adhere to very specific enrollment and completion deadlines and have a much shorter time in which to complete their independent study (correspondence or Internet-based) courses. Contact the Department of Online Learning and Independent Study and the Office of Financial Aid for more information concerning this option.

When the completion of the course is noted on the student's transcript, the grade will be included in his or her cumulative GPA but will not be calculated into the GPA of any academic semester. Grades earned through independent study will count as resident credit toward graduation honors designations. Each school or college may set other standards regarding whether independent study (correspondence or Internet-based) courses count toward degree requirements.

Ole Miss Online courses are those where 51 percent or more of the course, which includes lectures, discussions, and course work, takes place in an online or Web-based environment. Online courses are taught synchronously with the academic calendar. Students have the same responsibilities and rights in online courses as they do in traditional courses.

## **STUDY ABROAD**

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**Study Abroad Office** • Susan Oliphant, director • 359 Martindale • (662) 915-1508  
• [abroad@olemiss.edu](mailto:abroad@olemiss.edu) • [www.olemiss.edu/abroad](http://www.olemiss.edu/abroad)

The university sponsors direct exchange, short-term, and other study abroad opportunities at many locations, in programs originating at the university and through partner institutions. Participating students in approved programs pay fees to the university, receive University of Mississippi credit, and are considered to be in residence at the university so that grants, loans, and scholarships often may be applied to costs. To qualify for a study abroad program, a student must be in good academic and disciplinary standing and must meet whatever requirements are set by the specific program. To receive academic credit from a study abroad program, the student must obtain approval before participating in the program from the Study Abroad Office, as well as from the department chair and academic dean responsible for the area of each course.

**INDIVIDUAL STUDENT EXCHANGE.** Semester exchange opportunities are rapidly increasing, so check with the Study Abroad Office for all current opportunities. An updated list of exchange sites can also be found online at [www.olemiss.edu/abroad](http://www.olemiss.edu/abroad).

**SHORT-TERM STUDY ABROAD.** Students may participate in short-term study in summer or winter programs. The university offers programs throughout the world led by University of Mississippi and international faculty. Courses are offered in language study as well as core university requirements. Short-term opportunities change each term, so check with the Study Abroad Office for all current

programs. An updated list of short-term programs can also be found online at [www.olemiss.edu/abroad](http://www.olemiss.edu/abroad).

**INDEPENDENT STUDY.** With prior approval of their dean, the department responsible for the area of the project, and the Study Abroad Office, students may undertake independent study projects in foreign cultures or foreign institutions. Students desiring to engage in independent study abroad must consult the Study Abroad Office before participation.



# Community Services

**Outreach and Continuing Education** • Timothy R. Angle, assistant provost for outreach and summer school • E.F. Yerby Conference Center • (662) 915-7283 • outreach@olemiss.edu • www.outreach.olemiss.edu

The Division of Outreach and Summer School, in conjunction with the academic colleges and schools of The University of Mississippi, designs and implements education programs for credit, certification, professional development and personal enhancement. The division supports the mission of The University of Mississippi by promoting lifelong learning through the development of diverse educational opportunities, commitment to quality, and dedication to service. Whether students wish to improve existing skills or develop new ones, UM's Division of Outreach and Summer School offers a variety of ways to improve quality of life through higher education.

The division's courses and programs are offered on and off campus. These include institutes, conferences, seminars, and teleconferences for professional development, as well as youth-oriented and general interest activities. Academic credit activities include independent study and online courses, internships, study abroad, and off-campus courses at the Tupelo, Southaven, Booneville, and Grenada locations.

**Mississippi Small Business Development Centers** • Doug Gurley, state director • B-19 Jeanette Phillips Drive • (662) 915-5001 • msbdc@olemiss.edu • <http://msbdc.org>

The Mississippi Small Business Development Centers (MSBDC) network is a statewide business delivery system, which employs the resources of four universities and four community colleges to provide Mississippi's small business community with business, international trade, management counseling and training, and technical assistance. The program is administered by The University of Mississippi, the designated "lead" institution for the MSBDC in Mississippi, under direction of the dean of the School of Business Administration and in cooperation with the U.S. Small Business Administration.

**Mississippi Teacher Corps** • Dr. Andrew P. Mullins, Jr., and Dr. Germain McConnell, co-directors • School of Education, Room 226, University, Mississippi 38677 • (662) 915-5224 • mtc@olemiss.edu

The Mississippi Teacher Corps provides a framework for outstanding liberal arts graduates to become high school teachers in Mississippi. An intensive eight-week summer institute trains corps recruits in the skills needed for their transition to a teaching role; previous education course work is not required. After passing the Praxis I and the Praxis II, recruits qualify for alternative teacher certification with the Mississippi State Department of Education and contract to teach for at least two years in a public school district selected on the basis of local need. While teaching, corps members pursue a Master of Arts in curriculum and instruction from the university.

**Psychological Services Center** • Dr. Scott Gustafson, director • G-382 Kinard Hall • (662) 915-7385

The Psychological Services Center (PSC) is an outpatient behavioral-health clinic that serves the university, Oxford, and surrounding communities. The center's therapists offer help with family, relationships, and difficulty adjusting to stressful events. They also provide help in dealing with depression, panic attacks, anxiety, and trauma, and

a wide range of other topics. PSC therapists are supervised by clinical psychology faculty members.

**Speech and Hearing Center** • Instructor Brad Crowe, clinic director • George Hall • (662) 915-7271

The center provides speech, language, and hearing evaluations and management, including hearing aid dispensing, to patients of all ages. Special services in audiology include auditory evoked response testing, hearing aid dispensing, and tests of auditory processing. Evaluations and therapy within the speech/language division address disorders of articulation, voice, fluency, language, aphasia, dysarthria, apraxia, myofunctional, and literacy. The center is both a service facility and a student-training site. Graduate students in speech/language pathology serve clients under the direct supervision of the departmental faculty. Clinical instruction is facilitated by state-of-the-art clinical and instructional equipment.

**University of Mississippi Writing Project** • Ellen Shelton, director • (662) 915-7925 • fax: (662) 915-5137 • e-mail: eshelton@olemiss.edu

The UM Writing Project, one of the 200 sites of the National Writing Project, conducts professional development workshops, research activities, and a Summer Institute for teachers.

**Willie Price University Nursery School** • Jennifer Angle, director of youth programs • 107 Kinard • (662) 915-7444

The Willie Price University Nursery School is operated by the School of Education and the Division of Outreach and Continuing Education and is licensed by the Mississippi State Department of Health. It provides practical experiences for students enrolled in child development and related courses, as well as an on-site location for faculty and student research in the areas of psychology, counseling, curriculum development, communication sciences and disorders, and nutrition. The center serves preschool children ages 3, 4, and 5-year-old kindergarten.

# Research Activities

**Office of Research and Sponsored Programs** • Frederick A.P. Barnard Distinguished Professor Alice M. Clark, vice chancellor for research and sponsored programs • 304 Lyceum • (662) 915-7482 • [research@olemiss.edu](mailto:research@olemiss.edu)

Faculty, students, and staff conduct research on practical and theoretical problems in academic departments and in research units. Results of this research advance knowledge, provide solutions that benefit society, and form the factual and theory content of textbooks and reference works. Undergraduate students have many opportunities to learn research methods and participate in research activities in academic departments and research units. Students may assist with data collection in a research lab, conduct senior research projects/theses under faculty supervision, and present research findings to scientific groups. Interested students should contact a faculty member in an academic department or the director of the center or institute of interest. Some of the university's research units are listed below. For a complete list with Web site links, go to [http://www.research.olemiss.edu/cms/centers\\_expertise](http://www.research.olemiss.edu/cms/centers_expertise).

## Research Centers, Consortia, and Institutes

- Barksdale Reading Institute
- Center for Advanced Infrastructure Technology
- Center for Applied Electromagnetic Systems Research
- Center for Archaeological Research
- Center for Community Earthquake Preparedness
- Center for Educational Research and Evaluation
- Center for Excellence in Literacy Instruction
- Center for Excellence in Teaching and Learning
- Center for Health Promotion and Behavior
- Center for Manufacturing Excellence
- Center for Marine Resources and Environmental Technology
- Center for Mathematics and Science Education
- Center for Pharmaceutical Marketing and Management
- Center for Population Studies
- Center for Speech and Hearing Research
- Center for the Study of Southern Culture
- Center for Water and Wetland Resources
- Croft Institute for International Studies
- Enterprise for Innovative Geospatial Solutions
- Institute for Advanced Education in Geospatial Sciences
- Institute for Humanitarian De-Mining
- Institute on Education and Workforce Development
- Jamie Whitten National Center for Physical Acoustics
- Lott Leadership Institute
- McLean Institute for Community Development
- Mississippi Hills Institute for Heritage Resource Management
- Mississippi Law Research Institute
- Mississippi Mineral Resources Institute
- Mississippi Space Grant Consortium
- National Center for Computational Hydroscience and Engineering
- National Center for Justice and the Rule of Law
- National Center for Natural Products Research

- National Center for Remote Sensing, Air and Space Law
- National Food Service Management Institute
- National Institute for Undersea Science and Technology
- North Mississippi Education Consortium
- Public Policy Research Center
- Research Institute of Pharmaceutical Sciences
- Sarah Isom Center for Women's Studies
- Sino-U.S. Traditional Chinese Medicines Research Center
- The University of Mississippi Geoinformatics Center
- William Winter Institute for Racial Reconciliation and Civic Renewal

# External Relations

## THE UNIVERSITY OF MISSISSIPPI FOUNDATION

Wendell Weakley, president/CEO • (662) 915-5944 • wendell@umfoundation.com • Sandra M. Guest, vice president/secretary • (662) 915-5003 • sguest@olemiss.edu • Post Office Box 249, University, MS 38666 • www.umf.olemiss.edu

The University of Mississippi Foundation is a nonprofit corporation chartered in 1973 by the state of Mississippi to operate primarily for the benefit of The University of Mississippi. The foundation is responsible for receiving, receipting, investing, and distributing all gifts for the benefit of The University of Mississippi. It pursues this mission in an environment of productive teamwork, effective communication, and relentless service to our donors, university administrators, faculty, staff, and students. Communication of university needs and priorities along with encouraging investment in the future of Ole Miss are integral to our success. Integrity, honor, civility, service, and respect for our donors and their wishes serve as the foundation's guiding principles.

## ALUMNI ASSOCIATION

Timothy L. Walsh, executive director of alumni affairs • 172 Triplett Alumni Center, P.O. Box 1848, University, MS 38677-1848 • (662) 915-7375 • tim@olemiss.edu

Established in 1852, the Ole Miss Alumni Association is dedicated to making a connection with alumni and friends of the university and to supporting Ole Miss. Former students who have completed at least two consecutive semesters on the Oxford campus or students who have accumulated at least 36 hours within The University of Mississippi system, including all off-campus locations, and faculty and professional staff members who have served five years or more are eligible for membership. Parents and friends of Ole Miss are invited to become associate members. Associate members have full privileges except for voting and holding office in the Alumni Association. Students may join the Student Alumni Council and participate in alumni-related activities. The Department of Alumni Affairs maintains a database of names and addresses of alumni and friends of the university; involves alumni and friends through various activities and programs; arranges Homecoming activities; organizes reunions; coordinates meetings of alumni clubs around the world; publishes the *Ole Miss Alumni Review*; sponsors the Alumni Hall of Fame; sponsors an extensive travel program; honors 25-year faculty and staff members; maintains support and hosts activities for the college and schools through 14 professional alumni chapters; coordinates activities for former athletes and friends through the M-Club Alumni Chapter; identifies alumni volunteers for student recruiting and career advising; and operates The Inn at Ole Miss for housing visitors to Oxford and Ole Miss.

## **UMAA FOUNDATION**

Jeff Ulmer, president

George Smith, director • [umaalf@olemiss.edu](mailto:umaalf@olemiss.edu)

Karen Yelverton, associate director • [karen@olemiss.edu](mailto:karen@olemiss.edu)

908 All-American Drive • P.O. Box 355, University, MS 38677 • [umaafoundation.com](http://umaafoundation.com)

The UMAA Foundation, a nonprofit corporation, is responsible for aiding the Department of Intercollegiate Athletics at The University of Mississippi. Such assistance takes the form of providing scholarships for student-athletes, funding for necessary facility improvements and construction, supplements to coaches' salaries, and supporting the department in many other ways to have an outstanding athletic program.

# Oxford Campus

**Locale** • Situated on rolling land at an altitude of 500 feet, the university's Oxford campus is noted for its natural beauty. With its elms, oaks, magnolias, poplars, red-buds, and dogwoods, the campus has the appearance of a well-kept park. From the original one-square-mile area, the campus has been expanded in recent years to the present total of 2,500 acres.

**The Buildings** • Most of the university buildings are Georgian, modified Georgian, or contemporary in architectural design. Two of the three surviving antebellum buildings are Greek Revival in design. The buildings are listed in the chronological order of their construction.

**THE LYCEUM BUILDING.** Begun July 14, 1846, and completed in 1848, the Lyceum is of stately Ionic Greek Revival design. Its architect was William Nichols. The building was lengthened in 1858, two flanking wings added in 1904, and the west facade in 1923. The entire building was renovated from 1998-2000. The sole survivor of the five original buildings, it has remained the principal administration building.

**THE OLD CHAPEL.** Built in 1853, the Old Chapel, often called the "Y" from the period during which it housed the Young Men's and Young Women's Christian Associations, served for many years as a center for certain student activities. The entire building was renovated from 1999-2000 and currently houses the Croft Institute for International Studies.

**BARNARD OBSERVATORY.** Begun in 1857 and completed in 1859 during the administration of Chancellor Barnard, the building is now listed on the National Register of Historic Places. Barnard Observatory was designed to house the largest telescope in the world and to provide unrivaled quarters for the Department of Physics and Astronomy, which was housed in the west wing until 1939. The east wing, which served as the chancellor's residence until 1971, became headquarters for the Center for the Study of Southern Culture in 1979. The entire building was renovated from 1990-92 for the Center for the Study of Southern Culture.

**JAMES ALEXANDER VENTRESS HALL.** Named for the author of the bill to charter the university and constructed in 1889 as the University Library, the hall, built in the Gothic Revival style, housed the School of Law from 1911 to 1930. It was occupied by the State Geological Survey from 1929 to 1963 and then was assigned to the Department of Geology. Following renovations in 1997, it became the home of the College of Liberal Arts.

**THE OLD POWER PLANT.** Constructed in 1908, the building continues to house fire alarms and bell systems, the radio dispatcher's office, and the Office of Environmental Safety. William Faulkner drafted *As I Lay Dying* in this building in 1929.

**W. ALTON BRYANT HALL.** Renamed in 1984 in honor of Vice Chancellor Emeritus Bryant, the old library building, now Bryant Hall, was constructed in 1911. In 1952 it was occupied by the departments of Art and Theatre Arts.

**PEABODY HALL.** Dating from 1913, Peabody is now occupied by the Department of Psychology.

**GEORGE STREET HOUSE.** Completed in 1914 to serve as a residence for Professor Thomas H. Somerville, the building was renovated in 1998 and currently houses administrative offices. George Martin Street served the university in several administrative posts, most notably as director of university relations, from 1946 to 1985.

**PUBLIC RELATIONS BUILDING.** Constructed in 1919 as a faculty residence, the building housed University Public Relations, but it now houses the Graduate School.

**GEORGE HALL.** Built in 1920 and rebuilt in 1949 as a residence for men, George Hall was converted in 1973 to provide housing for the Department of Communication Sciences and Disorders and the Speech and Hearing Center. J.P.Z. George, for whom the building was named, served as a U.S. senator from 1881-1897. The entire building underwent extensive renovation in 1991-92.

**DEUPREE HALL.** Built in 1920 as a men's residence hall, the building, named for faculty member John Greer Dupree, now houses the Department of Political Science and the Public Policy Research Center. A complete renovation recently was completed.

**LaBAUVE HALL.** This building was constructed in 1920 as a dormitory for male students and was named for Col. Felix LaBauve, a state representative and senator who provided a substantial trust fund to the university. After a 2003-04 renovation, the building now houses the Trent Lott Leadership Institute.

**ODOM HALL.** Odom Hall has recently undergone a complete renovation. The building was constructed in 1920 as a residence hall for men and was named for John W. Odom, who provided a trust fund for the university.

**THE CHEMISTRY AND PHARMACY BUILDING.** Dating from 1923 and formerly housing the School of Pharmacy and the Department of Chemistry and Biochemistry, this building, now called the OLD CHEMISTRY BUILDING, is being used by a number of academic, research, and administrative units (including the Graduate and Research Dean's Offices, the Mississippi Mineral Resources Institute, and the departments of Geology and Geological Engineering). ADA improvements (bathrooms and elevator) were completed January 2002. Phase II and III renovations are due to be complete in 2009.

**FULTON CHAPEL.** Named in honor of Chancellor Robert Burwell Fulton, the chapel was built in 1927 to accommodate an audience of more than 900.

**BONDURANT HALL.** Named in honor of the first dean of the Graduate School, Professor Alexander L. Bondurant, the building was completely renovated 1999-2000 and now houses the departments of English and Modern Languages.

**FARLEY HALL.** Built in 1929 to house the School of Law and enlarged by additional construction in 1959, Farley Hall was renovated for use by the University Archives blues collection, Music Library, *Ole Miss* yearbook staff, *The Daily Mississippian*, and the Department of Journalism. The building is named in honor of three generations of a family associated with the university since its founding: Robert Joseph Farley, a member of the university's first law class; his son, Leonard J. Farley, dean of the School of Law 1913-1921; and his grandson, Law Dean Robert Joseph Farley. Recently, it has been fully renovated and houses the Department of Journalism only. An addition to the east accommodates the Overby Center for Journalism.

**BARR HALL.** Built as a residence hall in 1929, Barr Hall, which was named for Hugh A. Barr, an Oxford attorney, was renovated in 1976 to an academic facility providing housing for the Department of Music and the African American Studies Program.

**GYMNASIUM.** Built in 1929, the old gym was used by the Department of Health, Physical Education, and Recreation until 1983, and parts of the English, history, and theatre departments and the library thereafter. The gym, completely renovated from 1997-1998, was renamed MARTINDALE, and is now the Student Services Center, which holds a variety of student service and administrative offices.

**ISOM HALL.** Isom Hall was built in 1929 and served as a dorm until conversion to offices in 1997. It now houses the Department of Theatre Arts.

**PAUL B. JOHNSON COMMONS.** The university's dining complex comprised the original cafeteria, built in 1929 and renovated in 1965 for a banquet hall and private dining rooms, and a modern cafeteria built in 1963. Although some cafeteria facilities were moved to the Ole Miss Union in 1986, the Johnson Commons Cafeteria was renovated in 1995, and the building still contains the main Dining Center and Food Services offices. Portions of the building are used by the university ballroom, the ID Center, the Department of Public Relations, the Department of Human Resources, and the Office of



Special Events and Protocol. The building was named for Paul B. Johnson, Sr., former Mississippi governor.

VAUGHT-HEMINGWAY STADIUM, HOLLINGSWORTH FIELD. Built in 1929 and subsequently enlarged, the stadium now has a capacity of 62,500. Renovation in 1988 included a new press box and sky box suites, lighting, restrooms, and concession facilities. Renovations in 1997-2000 included seating and services for the Guy C. Billups Rebel Club and west side restrooms, and in 2003 enclosed the south endzone.

ATHLETIC DEPARTMENT FIELD HOUSE. The building provides an athletic academic counseling center sponsored by FedEx.

VARDAMAN HALL. Named in honor of James K. Vardaman, Mississippi governor and U.S. senator, this building was constructed in 1929 to serve as a men's dormitory. Renovated in 1988, it now provides varied offices for administration.

GUYTON HALL. Built in 1934 and named for Dr. B.S. Guyton, the building was renovated in 2003 and now houses the School of Education.

LEAVELL HALL. Completed in 1938 as a men's residence hall and named in memory of faculty member Richard Marion Leavell, the building now houses the Department of Sociology and Anthropology.

BARNARD HALL. Barnard Hall was built in 1938 and served as a dorm until conversion to offices in 1997. After recent renovations, Barnard houses Army, Navy, and Air Force ROTC.

SOMERVILLE HALL. Somerville Hall was built in 1939 and served as a dorm until conversion to offices in 1997.

THE UNIVERSITY MUSEUMS. The University Museums consist of the Mary Buie Museum, completed in 1939, and the adjoining Kate Skipwith Teaching Museum, which was built in 1977 and enlarged in 2001. Collections represent the fields of archaeology, art, anthropology, decorative arts, history, science, and technology.

ARTHUR B. LEWIS HALL AND KENNON OBSERVATORY. Both buildings were constructed in 1939 for the Department of Physics and Astronomy. The observatory was named in memory of Professor William Lee Kennon. Lewis Hall was named in honor of Dean Emeritus of Liberal Arts Lewis in 1984. An addition to Lewis Hall was completed in 1994.

THE WEIR MEMORIAL BUILDING. Built in 1939 from a large bequest by Mr. Rush C. Weir to the university, the building once served as the student union. A wing was added in 1954. The building now houses the Department of Computer and Information Science and student computer labs after a 2002 renovation.

MISSISSIPPI CENTER FOR SUPERCOMPUTING RESEARCH. The building, constructed in 1948 as a university laundry, was converted in 1974 to house the Receiving Department and Printing Services. The building was redesigned and renovated in 1987-89 to house supercomputers.

BAXTER HALL. Completed as a men's dormitory in 1948, the building was named in memory of Hermann Myrtle Baxter, former student body president who was killed during World War II. The building was renovated in 1990 to serve as a telecommunications center. Telephone services for students and faculty are arranged in this building.

GERARD HALL. Constructed in 1948, this building was named in memory of Auguste (Gus) Gerard, a former student body president who was killed during World War II. Originally a men's residence hall, Gerard Hall was renovated in 1989 to house University Publications and Imaging Services.

SAM HALL. Completed in 1948 as a dormitory for men, this building was named in memory of William Charles Sam, a former president of the student body who was killed during World War II. The building was renovated in 1989 to house Printing Services.

**OLD BAND BUILDING.** Originally designed to meet the special needs of the Ole Miss Marching Band, the building was completed in 1950. It housed intercollegiate athletics and was renovated in 2006 for the University Counseling Center.

**THE JOHN DAVIS WILLIAMS LIBRARY.** The main library building was completed in 1951, with the west wing added in 1970. The library was named in honor of Chancellor Emeritus J.D. Williams in 1979. A major renovation and expansion project was completed in 1996, giving the Library almost 200,000 square feet of space.

**TRIPLETT ALUMNI CENTER.** Built in 1951 with gifts from the alumni to the university, the building serves as a conference center and provides lodging for visitors to the campus. An addition completed in 1967 increased the lodging capacity to 100 rooms. Extensive renovations of the house were completed in 1997.

**THE E.F. YERBY CONFERENCE CENTER.** Named in honor of E. F. Yerby, who was responsible for major development of university extension activities during the 1950s, this building was opened in 1954. It provides accommodations for conferences and institutes and houses offices of Media Production & Distributed Learning and the Division of Outreach and Continuing Education.

**CARRIER HALL.** Gift of the late Mr. and Mrs. Robert M. Carrier, the building was completed in 1954 to house the School of Engineering.

**THE ENGINEERING SCIENCES BUILDING.** The building was converted in 1954 from the former Engineering Machine Shop, originally built in 1938. It was completely renovated from 1996-1997 with emphasis on converting laboratory space to classroom facilities.

**MUSIC HALL.** The two-story back wing of this building was constructed in 1929 for use as University High School. In 1956 a gymnasium, a front wing to be used as a library, administrative offices, and classrooms were added. This facility was converted to School of Education use in 1963. Following renovations in 2004-05, the building now houses the Department of Music.

**DAVID H. NUTT AUDITORIUM.** The old Education Auditorium now is called the David H. Nutt Auditorium and is part of the Music Hall.

**THE JOHN W. WHITE PHYSICAL PLANT BUILDING.** Constructed in 1955, enlarged in 1957, 1960, and 1966, this service building, named in honor of longtime Physical Plant Director John White, contains shops, warehouses, and offices of the Physical Plant Department.

**POWERS HALL.** Named for Chancellor John Neely Powers, this building was completed in 1959 as a residence hall. It was redesigned in 1988 and now houses Information Technologies.

**ELMA MEEK HALL.** Completed in January 1960 and partially renovated in 2003-04, offices, classrooms, and studios for the departments of Art and Music are provided in Meek Hall. Elma Meek was the student who submitted the name *Ole Miss* for the name of the annual; Ole Miss subsequently became synonymous with The University of Mississippi. A new heating and cooling system was installed in 2002.

**CONNER HALL.** Conner Hall, completed in 1961 and named in honor of Governor Martin Sennett Conner, housed the School of Business Administration and the School of Accountancy until 1997. Completely renovated in 1998, Conner Hall provides administrative and faculty offices for the School of Accountancy, as well as multimedia classrooms and computer laboratories for both business and accountancy classes.

**INTERCOLLEGIATE ATHLETICS BUILDING.** Since its completion in 1961, this building has housed offices of the Department of Intercollegiate Athletics: business personnel, administrative personnel, coaching staff, and publicity staff. This building will be renovated for academic use. The department has moved to its new home in the recently renovated Old Physical Plant Building.

**ACCELERATOR STRUCTURE.** Originally designed to house a 3-MEV particle accelerator and completed in 1963, this underground structure has been renovated as a research facility for the Department of Physics.

**WILLIAM M. SHOEMAKER HALL.** The first phase of the Science Center, Shoemaker Hall was completed in 1963. The Department of Biology occupies this building. In 1984 the building was named in honor of William Shoemaker, a former member of the board of trustees, because of his untiring efforts on behalf of higher education in general and the field of science in particular.

**C. M. (TAD) SMITH COLISEUM,** a multipurpose building designed to seat 8,000, was completed in 1966. In 1969 it was named in honor of Smith, a longtime football and baseball coach and director of intercollegiate athletics. New seating was installed in 2002.

**HUME HALL.** Completed in 1968 as another unit of the Science Center, Hume Hall, named for Chancellor Alfred Hume, houses the Department of Mathematics and the Department of Social Work.

**FASER HALL.** Built to house the School of Pharmacy, Faser Hall was completed in 1969 and is currently undergoing a phased renovation. It was named for former Pharmacy Dean Henry Minor Faser. The building also houses the Research Institute of Pharmaceutical Sciences.

**BISHOP HALL.** Named for Professor David H. Bishop upon its completion in 1969, Bishop Hall provides classrooms and offices for the departments of History and Modern Languages, and houses the Student Media Center. Extensive interior and exterior renovations recently were completed.

**FRANK A. ANDERSON HALL.** The chemical engineering building, completed in 1970, was named to honor the former associate dean of the School of Engineering.

**SALLY McDONNELL BARKSDALE HONORS HOUSE.** This building was constructed in 1971 and was the home of Alpha Delta Pi social sorority. The university purchased the building in 1996 with funds donated by alumni James and Sally Barksdale. The building houses the Sally McDonnell Barksdale Honors College.

**THE OLE MISS UNION.** Completed in 1976, the Union contains conference rooms, offices for student government and other groups, the cafeteria, a ballroom, automatic bank tellers, game room, lounge areas, and a multipurpose room. The building also houses the University Post Office, the Ole Miss Bookstore, the Campus Copy Center, a satellite office of University Police, and the UM Box Office.

**LAMAR HALL.** Completed in 1977 to house the School of Law and its research and service components, Lamar Hall was named in honor of L.Q.C. Lamar, professor at the university, Confederate ambassador to Russia, member of Congress, secretary of the interior, and associate justice of the U.S. Supreme Court. The building also houses the Eastland Law Library, named for the Honorable James Oliver Eastland, former U.S. senator for Mississippi and distinguished patron of the School of Law.

**COULTER HALL.** Completed during the academic year 1977-1978, Coulter Hall provides lecture and laboratory space for the Department of Chemistry and Biochemistry. It is named in memory of Dr. Victor Aldine Coulter, member of the Department of Chemistry, 1920-1960, and dean of the College of Liberal Arts, 1936-1957.

**THOMAS N. TURNER HEALTH, PHYSICAL EDUCATION, AND RECREATION CENTER.** The Turner Center houses the Department of Health, Exercise Science, and Recreation Management and the Intramural and Recreational Services Program and provides recreational facilities for faculty, staff, and students. It was completed in 1983 and renovated adding modern equipment in 1999. The building is being considered for a significant renovation over the next two-three years.

**THE BOILER PLANT.** Constructed in 1987, this building houses three new steam boilers for heating university buildings and chillers that supply the Chilled Water Loop.

**JAMIE L. WHITTEN NATIONAL CENTER FOR PHYSICAL ACOUSTICS.** Established by an act of the 99th Congress in 1986, the center is a world-class acoustical research facility. Construction of the

74,000-square-foot building was completed in 1989. The building is named for U.S. Congressman Whitten, who, as representative for the district including the university, served longer than any other congressman.

JOHN N. PALMER, MITCHELL SALLOUM TENNIS CENTER. Completed in 1990, the facility includes offices and dressing rooms for the Ole Miss intercollegiate tennis teams and accommodates 300 spectators for tournament matches. John N. Palmer of Jackson, Mississippi, and Mitchell Salloom of Gulfport, Mississippi, contributed funds toward construction of the stadium. Jack and Wylene Dunbar of Oxford, Mississippi, contributed a pavilion which bears their names.

V.B. HARRISON STUDENT HEALTH CENTER. Completed in 1991, the center houses clinics, offices, and personnel for Student Health Services, Employee Health Services, and the student pharmacy. The center is named for Dr. Harrison, director and physician-in-charge of the Student Health Department from 1945 to 1971.

OXFORD-UNIVERSITY STADIUM AND SWAYZE FIELD. Built in 1989, this construction was a cooperative venture between the city of Oxford and the university. Baseball games at the intercollegiate level, youth leagues, regional championships, and special events take place at this award-winning facility. The field is named in honor of longtime baseball coach Thomas Swayze.

UNIVERSITY FIELD STATION. Located 10 miles northeast of campus, the site consists of upland forests, fields, and spring- and stream-fed wetlands with more than 200 experimental ponds. The facility was acquired by the university in 1990. The Center for Water and Wetland Resources is located at the station.

TELECOMMUNICATIONS CENTER. Built in 1994, the building contains studio facilities and staff offices for broadcast and reception of satellite telemetry. It temporarily housed the National Food Services Management Institute from 1998-2000.

THAD COCHRAN NATIONAL CENTER FOR NATURAL PRODUCTS RESEARCH. The NCNPR building, completed in 1996, houses the center's herbarium and central instrumentation facility, as well as its laboratories in many areas of chemistry and plant sciences. Renovations and phased expansion of the facility continue. The latest expansion was completed in 2000. A new auditorium to seat 245 has been completed.

MICHAEL S. STARNES ATHLETIC TRAINING CENTER AND FIELDHOUSE. Completed in December 1995, the Michael S. Starnes Athletic Training Center has a weight room for all athletics, facilities for entertaining and recruiting, and a conference room for the Athletic Department. The field house has dressing rooms and an equipment room for football and a training room for all sports.

HOLMAN HALL. Holman Hall, completed in 1997, was constructed with substantial support by the members of the Holman family. The four-story, 55,000-square-foot building, provides administrative and faculty offices for the School of Business Administration. Holman Hall has large classrooms with retractable screens and multimedia computer projection systems, group study rooms, study alcoves, seminar rooms, conference rooms, and extensive connections to the campus network, providing a technologically advanced learning environment.

NORTH HALL. North Hall provides a structural connection between Conner Hall and Holman Hall, as well as administrative offices, faculty offices, and computer labs. North Hall also contains two state-of-the-art distance-learning classrooms, permitting interactive classes among the Oxford, Southaven, and Tupelo campuses.

NATIONAL FOOD SERVICES MANAGEMENT INSTITUTE BUILDING. Completed in 2000, the building is home for the sponsors of national programs that promote continuous improvement of child nutrition programs.

THE CENTER FOR WATER AND WETLAND RESOURCES BUILDING. Completed in 2000, the building provides a home for the University Field Station 10 miles northeast of campus and is the center for water and wetlands research.

ELECTRIC POWER GENERATOR PLANT. Completed in 2002, the plant houses 10 diesel-powered generators to facilitate the power needs of the university. The plant has been named for the late Johnny M. Williams, vice chancellor for administration and finance.

PARIS-YATES CHAPEL. Completed in 2001, the all-denomination chapel seats approximately 200 individuals and is embellished with an elaborate, handmade pipe organ and carillon.

GERTRUDE C. FORD CENTER FOR THE PERFORMING ARTS. The Ford Center opened in December of 2002. The \$26 million center contains a 1,200-seat main hall, a 400-seat rehearsal hall, and extensive back-of-stage support space.

OXFORD-UNIVERSITY DEPOT. The Oxford-University Depot reopened in October 2003, after an extensive restoration and serves the university and Oxford communities as a center for small meetings and conferences hosted by Continuing Education.

**Residential Buildings** • The following buildings provide residences: BROWN HALL, completed in 1961; STEWART HALL, 1963; MARTIN HALL, 1969; CROSBY HALL, 1970; HEFLEY HALL, 1959; GUESS HALL, 1960; DEATON HALL, 1951; STOCKARD HALL, 1969; KINCANNON HALL, 1963; NORTHGATE A, B, and C, 1947; and NORTHGATE D and E, 1961. Ten sorority and 15 fraternity houses provide residential accommodations. The CARRIER HOME was given to the university by the late Mr. and Mrs. Robert M. Carrier with the request that it be used as the official residence of the chancellor. It has been occupied by the chancellor since 1971.

**The Oxford-University Airport** is located at Clegg Field, north of the campus off College Hill Road. During 1999-2000, the university completed construction of a half-mile of parallel taxiway, hangar and parking apron areas, and an above-ground aircraft fuel farm. Charter flights, rental cars, and flight instruction are available. The terminal building was completed in 2005.

# Administration and Faculty

## OFFICES OF ADMINISTRATION

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**ROBERT C. KHAYAT**, B.A.E., J.D., LL.M., chancellor

**JAMES T. BOONE**, B.B.A., director of intercollegiate athletics

**ALICE M. CLARK**, B.S., M.S., Ph.D., vice chancellor for research and sponsored programs

**DONALD L. COLE**, B.S., M.A., Ph.D., assistant provost and assistant to the chancellor for multicultural affairs

**MAURICE EFTINK**, B.S., Ph.D., associate provost and dean of the Graduate School

**DANIEL W. JONES**, M.D., vice chancellor for health affairs and dean of the School of Medicine

**SUE T. KEISER**, B.A., assistant to the chancellor

**GLORIA D. KELLUM**, B.S., M.A., Ph.D., vice chancellor for university relations

**ANDREW P. MULLINS, JR.**, B.A., M.Ed., Ph.D., executive assistant to the chancellor and state/federal liaison

**LARRY SPARKS**, B.Accy., M.B.A., C.P.A., vice chancellor for administration and finance

**MORRIS H. STOCKS**, B.S., M.S., Ph.D., provost and vice chancellor of academic affairs

**LEE TYNER**, B.A., J.D., university attorney

**TIMOTHY L. WALSH**, B.P.A., M.Ed., executive director of alumni affairs

**WENDELL WEAKLEY**, B.B.A., president, The University of Mississippi Foundation

**WILMA FAYE WEBBER-COLBERT**, B.S., M.A., executive director of equal opportunity and regulatory compliance

## OFFICE OF THE PROVOST/ACADEMIC AFFAIRS

**MORRIS H. STOCKS**, B.S., M.S., Ph.D. provost and vice chancellor for academic affairs

**TIMOTHY R. ANGLE**, B.A., J.D., assistant provost for outreach and summer school

**BONNIE P. BUNTIN**, B.A., M.A., E.D.S., Ph.D., dean of the DeSoto Center-Southaven

**TOM BURNHAM**, B.S., M.Ed., Ed.D., dean of the School of Education

**ANN L. CANTY**, B.A., M.B.A., Ph.D., associate provost and associate professor of management

**MARY CLARE CARRUTH**, B.A., M.A., Ph.D., director of gender studies and the Sarah Isom Center for Women

**LINDA F. CHITWOOD**, B.S., M.S., Ph.D., dean of the School of Applied Sciences

**ALICE M. CLARK**, B.S., M.S., Ph.D., vice chancellor for research and sponsored programs

**KEN CYREE**, B.B.A., M.B.A., Ph.D., dean of the School of Business Administration

**SAMUEL M. DAVIS**, B.A., J.D., LL.M., dean of the School of Law and director of the Law Center

**MAURICE EFTINK**, B.S., Ph.D., associate provost and dean of the Graduate School

**KEES GISPEN**, B.A., C. Phil., Ph.D., executive director of the Croft Institute for International Studies and professor of history

**WILLIAM ROTHACKER GOTTSALL**, B.B.A., executive director of the Trent Lott Leadership Institute

**ANDREW C. HARPER**, Ph.D., director of media and documentary projects and distributed learning

**MARY M. HARRINGTON**, B.A., M.A., director of institutional research

**GLENN W. HOPKINS**, B.S., M.A., Ph.D., dean of the College of Liberal Arts

**KAI-FONG LEE**, B.S., M.S., Ph.D., dean of the School of Engineering

**MICHAEL F. METCALF**, B.A., M.A., Ph.D., associate provost for international affairs and professor of history

**TED OWNBY**, B.A., Ph.D., director of the Center for the Study of Southern Culture and professor of history and Southern studies

**JAMES P. PATE**, B.S., M.A., Ph.D., dean of the Tupelo Advanced Education Center

**JULIA M. RHOLES**, B.A., M.A., M.L.S., dean of university libraries and professor

**DOUGLASS SULLIVAN-GONZALEZ**, B.A., M.Div., Th.M., Ph.D., dean, Sally McDonnell Barksdale Honors College  
**WILMA FAYE WEBBER-COLBERT**, B.S., M.A., executive director of equal opportunity and regulatory compliance  
**BARBARA G. WELLS**, B.S.Ph., Pharm.D., dean of the School of Pharmacy  
**W. MARK WILDER**, B.S., M.B.A., Ph.D., dean of the Patterson School of Accountancy  
**NOEL E. WILKIN**, B.S., Ph.D., interim associate provost, associate professor of pharmacy administration, and research associate professor, Research Institute of Pharmaceutical Sciences

## **DIVISION OF STUDENT AFFAIRS**

**LARRY D. RIDGEWAY**, B.S., M.A., Ed.D., vice chancellor for student affairs  
**TONI AVANT**, B.A., M.A., director of the career center  
**LESLIE BANAHAN**, B.A., M.Ed., assistant vice chancellor for student affairs  
**BARBARA COLLIER**, B.S., M.S., F.N.P., director of university health services  
**LAURA E. DIVEN-BROWN**, B.S., M.Ed., director of financial aid  
**CHARLOTTE N. FANT**, B.A., M.Ed., Ph.D., assistant vice chancellor for student affairs, director of admissions and registrar  
**MICHAEL JOHANSSON**, B.S., M.Ed., director of international programs  
**WILLIAM BERNARD KINGERY**, B.S., M.S., director of campus recreation  
**LORINDA S. KRHUT**, B.S., M.A., director of student housing and residence life  
**TRACI MITCHELL**, B.A., M.A., interim director of student media  
**PATRICK PERRY**, B.A., M.S., Ph.D., director of Luckyday programs  
**THOMAS REARDON**, B.A., M.Ed., Ph.D., assistant vice chancellor for student affairs and dean of students  
**BUFORD CALVIN SELLERS**, B.P.A., director of university police and campus safety  
**MARC K. SHOWALTER**, B.S.E., M.S.E., Ph.D., director of the university counseling center  
**WHITMAN SMITH**, B.A., M.Ed., director of enrollment services  
**JENNIFER JONES TAYLOR**, B.A., M.Ed., director of campus programming

## **DIVISION OF ADMINISTRATION AND FINANCE**

**LARRY SPARKS**, B.Accy., M.B.A., C.P.A., vice chancellor for administration and finance  
**IAN BANNER**, B.A. Arch., Dipl. Arch., M.Phil. Arch. (Cantab.), AIA, NCARB, director of facilities planning and university architect  
**KATHRYN F. GATES**, B.S., M.S., Ph.D., chief information officer  
**CLAYTON H. JONES**, B.S., B.Accy., M.B.A., director of human resources and contractual services  
**NINA JONES**, B.Accy., M.Accy., C.P.A., director of accounting  
**TERRON E. JONES**, B.A., B.S.I.E., director of the physical plant  
**JEFF McMANUS**, B.S., director of landscape services and airport/golf course operations  
**EDWARD CAVETT RATLIFF IV**, B.Accy., M.Accy., C.P.A., bursar  
**PAMELA K. ROY**, B.Accy., director of budget  
**ANTHONY SEAMAN**, C.P.I.M., C.G.C.M., director of printing and graphic services  
**SAM ELLIS THOMAS, JR.**, B.B.A., M.B.A., C.P.A., controller  
**KATHERINE M. TIDWELL**, B.A., M.A., M.S., manager, contractual services management  
**JAMES WINDHAM**, B.P.A., director of procurement services

## **DIVISION OF UNIVERSITY RELATIONS**

**RALPH BRASETH**, B.A., B.J., M.A., Ed.D., executive assistant to the vice chancellor and media coordinator  
**SABRINA BROWN**, B.A., director of university publications  
**BARBARA A. LAGO**, B.A., director of media and public relations  
**DEBORAH STAFFORD VAUGHN**, B.S., M.S., assistant vice chancellor of university relations

## THE UNIVERSITY OF MISSISSIPPI MEDICAL CENTER (JACKSON)

**DANIEL W. JONES, M.D.**, vice chancellor for health affairs and dean of the School of Medicine  
**KAY BENDER, Ph.D.**, associate vice chancellor for nursing and dean of the School of Nursing  
**TOM FORTNER, M.B.A.**, chief public affairs and communications officer  
**BUFORD O. GILBERT, D.M.D.**, interim dean of the School of Dentistry  
**JOEY GRANGER, Ph.D.**, dean of the School of Graduate Studies in the Health Sciences  
**JOHN E. HALL, Ph.D.**, associate vice chancellor for research  
**JAMES E. KEETON, M.D.**, chief of staff to the vice chancellor for health affairs  
**J. MICHAEL LIGHTSEY, M.B.A.**, associate vice chancellor for financial affairs  
**MARTIN H. MCMULLAN, M.D.**, senior advisor to the vice chancellor for health affairs  
**BEN L. MITCHELL, Ph.D.**, dean of the School of Health Related Professions  
**DAVID POWE, Ed.D.**, associate vice chancellor for administrative affairs  
**DAVID G. PUTT, M.P.A.**, interim chief executive officer, University Hospitals and Health System  
**LEIGH ANN ROSS, Pharm.D.**, associate dean for clinical affairs  
**SCOTT P. STRINGER, M.D.**, associate vice chancellor for clinical affairs  
**JASMINE TAYLOR, M.D.**, associate vice chancellor for multicultural affairs  
**HELEN R. TURNER, M.D., Ph.D.**, associate vice chancellor for academic affairs  
**LOUANN WOODWARD, M.D.**, associate dean for academic affairs

## DISTINGUISHED FACULTY

**Frederick A.P. Barnard Distinguished Professorships** • Frederick A.P. Barnard Distinguished Professors are recognized for their excellence and innovation in teaching and research. The Barnard Professors are

HENRY E. BASS, physics and astronomy; ALICE M. CLARK, pharmacognosy; WILLIAM F. SHUGHART II, economics; JAMES G. VAUGHAN, mechanical engineering; SAM SHU-YI WANG, mechanical engineering.

**Faculty Achievement Award** • In 1985, the Burlington Northern Award was established to honor superior teaching faculty who were also active researchers. This award has now evolved into the Faculty Achievement Award, which is given annually to recognize unusual effort in the classroom, involvement with students, and active scholarship. The recipients of the award are listed below.

MITCHELL A. AVERY, medicinal chemistry; RONALD F. BORNE, medicinal chemistry; VICTORIA BUSH, business administration; ALICE M. CLARK, pharmacognosy; MAURICE R. EFTINK, chemistry; DALE L. FLESHER, accountancy; TONYA K. FLESHER, accountancy; GARY R. GASTON, biology; CHARLES L. HUSSEY, chemistry; MARY JEANNE KALLMAN, psychology; IVO KAMPS, English; DEBORAH S. KING, pharmacy practice; ELLEN LACKEY, mechanical engineering; JOHN H. O'HAVER, chemical engineering; JOHN M. RIMOLDI, medicinal chemistry; JEFFREY A. ROUX, mechanical engineering; CHARLES E. SMITH, electrical engineering; WILLIAM A. STATON, III, mathematics; KENNETH J. SUFKA, psychology; JAMES G. VAUGHAN, mechanical engineering; SCOTT J. VITELL, JR., marketing; IRVING WADE WATERS, pharmacology; W. MARK WILDER, accountancy; JOHN W. WINKLE III, political science.

**Elsie M. Hood Outstanding Teacher Award** • The Elsie M. Hood Outstanding Teacher of the Year for the university is selected from nominations submitted by students, alumni, and faculty. The recipients are as follows:

GUTHRIE T. ABBOTT, law; BILLY A. BARRIOS, psychology; RONALD F. BORNE, medicinal chemistry; RON G. DALE, art; JAMES W. DAVIS, accountancy; TONYA K. FLESHER, accountancy; LAURDELLA FOULKES-LEVY, music; VAUGHN L. GRISHAM, sociology; GLORIA KELLUM, communication sciences and disorders; COLBY H. KULLMAN, English; R. PHIL MALONE, finance; DANIEL L. MAT-



TERN, chemistry; GREGORY ALAN SCHIRMER, English; NATALIE SCHROEDER, English; RONALD A. SCHROEDER, English; WILLIAM A. STATON, mathematics; MORRIS H. STOCKS, accountancy; KENNETH J. SUFKA, psychology; JAMES G. VAUGHAN, mechanical engineering; I. WADE WATERS, pharmacology; ROBERT A. WEEMS, law; DAVID E. WILLSON, music; JOHN W. WINKLE, political science.

**Distinguished Research and Creative Achievement Award** • The Distinguished Research and Creative Achievement Award is designed to recognize a faculty member on the Oxford campus who is engaged in scholarly and/or creative activity, has achieved national and/or international recognition in his or her field, and demonstrates evidence of encouraging the scholarly and/or creative works of others. The recipients are

SAM SHU-YI WANG, mechanical engineering (2008), and LARRY A. WALKER, Research Institute of Pharmaceutical Sciences (2009).

**Teaching Awards in the College and Schools** • The College and schools honor their outstanding teachers annually. Recipients of these awards are listed below.

**College of Liberal Arts** • Liberal Arts Outstanding Teacher of the Year DONALD L. DYER, modern languages; BENJAMIN F. FISHER IV, English; ANN FISHER-WIRTH, English; SAMIR A. HUSNI, journalism; COLBY H. KULLMAN, English; WILLIAM F. LAWHEAD, philosophy and religion; DANIEL L. MATTERN, chemistry and biochemistry; JOHN R. NEFF, history; DANIEL O'SULLIVAN, modern languages; TALMAGE J. REID, mathematics; SHERI RIETH, art; SHEILA L. SKEMP, history; DOUGLASS SULLIVAN-GONZALEZ, history; ETHEL YOUNG-MINOR, English.

**Cora Lee Graham Outstanding Teacher of Freshmen (Liberal Arts)** • AILEEN AJOOTIAN, classics; GERARDUS BUSKES, mathematics; JOE TURNER CANTÚ, theatre arts; WALTER E. CLELAND, JR., chemistry and biochemistry; GARY R. GASTON, biology; KEES GISPEN, history; TAMAR GOULET, biology; PAUL K. LAGO, biology; KATHRYN MCKEE, English; TIMOTHY NORDSTROM, political science; HOLLY REYNOLDS, political science; JASON RITCHIE, chemistry and biochemistry; WILLIAM D. SCOTT, chemistry and biochemistry; JEFFREY R. WATT, history.

**School of Accountancy** • JUDITH CASSIDY, JAMES W. DAVIS, TONYA K. FLESHER, DAVE L. NICHOLS, J RILEY SHAW, MORRIS H. STOCKS, W. MARK WILDER.

**School of Business Administration** • TONY AMMETER, MIS/POM; SUMALI CONLON, MIS/POM; KENDALL B. CYREE, finance; JOSEPH G.P. PAOLILLO, management; BRIAN REITHEL, MIS/POM; ROBERT K. ROBINSON, management

**School of Engineering** • AHMED AL-OSTAZ, civil engineering; WEI-YIN CHEN, chemical engineering; ALEX CHENG, civil engineering; ATEF Z. ELSHERBENI, electrical engineering; ALLEN W. GLISSON, JR., electrical engineering; AHMED A. KISHK, electrical engineering; ELLEN LACKEY, mechanical engineering; JOHN H. O'HAVER, chemical engineering; JEFFREY A. ROUX, mechanical engineering; PAUL SCOVAZZO, chemical engineering; PETER SUKANEK, chemical engineering; JAMES G. VAUGHAN, mechanical engineering; S. SHU-YI WANG, mechanical engineering.

**School of Law** • GUTHRIE T. ABBOTT; RICHARD L. BARNES, DEBORAH H. BELL; WILLIAM M. CHAMPION; GEORGE C. COCHRAN; JOHN M. CZARNETZKY; KAREN O. GREEN; ROBERT C. KHAYAT; JACK W. NOWLIN; ROBERT A. WEEMS.

**School of Pharmacy** • G. PHILLIP AYERS, pharmacy practice; DONNA BINGHAM, pharmacy practice; ALICIA S. BOULDIN, pharmacy administration; BRIAN L. CRABTREE, pharmacy practice; STEPHEN J. CUTLER, medicinal chemistry; SHARON DICKEY, pharmacy practice; KRISTIE M. GHOLSON, pharmacy practice; CAROL R. NEELY, pharmacy practice; BUDDY OGLETREE, pharmacy practice; GARY D. THEILMAN, pharmacy practice; NOEL E. WILKIN, pharmacy administration; MARVIN C. WILSON, pharmacology.

**Researcher Awards in the Schools** • Several of the schools also recognize an outstanding researcher annually. Recipients of these awards are listed below.

**School of Accountancy** • DALE L. FLESHER, TONYA K. FLESHER, DAVE L. NICHOLS, J RILEY SHAW, MORRIS H. STOCKS, W. MARK WILDER.

**School of Business Administration** • MILAM AIKEN, MIS/POM; BAHRAM ALIDAEE, MIS/POM; KATHLEEN FULLER, finance; MICHAEL HARVEY, management; MILORAD NOVICEVIC, management; STEPHANIE NOBLE, marketing; BONNIE VAN NESS, finance.

**School of Engineering** • WEI-YIN CHEN, chemical engineering; GREG EASSON, geology and geological engineering; ATEF Z. ELSHERBENI, electrical engineering; ROBERT HOLT, geology and geological engineering; AHMED A. KISHK, electrical engineering; MUSTAFA MATALGAH, electrical engineering; AJIT SADANA, chemical engineering; SAM WANG, mechanical engineering; ALEXANDER YAKOVLEV, electrical engineering

**School of Pharmacy** • MITCHELL A. AVERY, medicinal chemistry; ALICE M. CLARK, Research Institute of Pharmaceutical Sciences; MAHMOUD A. ELSOHLI, Research Institute of Pharmaceutical Sciences; MARK T. HAMANN, pharmacognosy; CHARLES D. HUFFORD, pharmacognosy; IKHLAS A. KHAN, Research Institute of Pharmaceutical Sciences; CHRISTOPHER R. MCCURDY, medicinal chemistry; LARRY WALKER, Research Institute of Pharmaceutical Sciences; JOHN S. WILLIAMSON, medicinal chemistry.

## FULL-TIME FACULTY

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**SAFO ABOAKU**, M.S., Ph.D. (University of Massachusetts at Amherst); instructional assistant professor of chemistry and biochemistry

**KIM GRIFFIN ADCOCK**, Pharm.D. (The University of Mississippi); associate professor of pharmacy practice

**MILAM W. AIKEN**, B.S., M.B.A. (University of Oklahoma-Norman Campus), Ph.D. (University of Arizona); chair and professor of management information systems/production operations management

**AILEEN AJOOTIAN**, M.A. (University of Oregon), M.A., Ph.D. (Bryn Mawr College); chair and associate professor of classics and art

**AHMED HAJMOHAMMAD-KHALIL AL-OSTAZ**, B.S., M.S. (King Fahd Univ. of Petroleum Minerals), Ph.D. (Michigan State University); associate professor of civil engineering

**IGNATIUS ADETAYO ALABI**, B.A. (Obafemi Awolowo University), M.A. (University of Ibadan), M.A. (University of Guelph), Ph.D. (University of Saskatchewan); associate professor of English

**ROBERT B. ALBRITTON**, B.A. (University of Alabama at Birmingham), M.A., Ph.D. (Northwestern University); professor of political science

**MICHELE ALEXANDRE**, J.D. (Harvard Law School); associate professor of law

**BAHRAM ALIDAEE**, B.S. (Tehran University), M.B.A. (University of North Texas), Ph.D. (University of Texas at Arlington); professor of management information systems/production operations management

**MICHAEL THOMAS ALLEN**, B.A. (University of North Carolina-Chapel Hill), M.A. (Appalachian State University), Ph.D. (University of Tennessee-Knoxville); chair and professor of psychology

**SUSAN C. ALLEN**, B.Ed. (McMurry University), M.S.W., Ph.D. (University of Texas at Arlington); associate professor of social work

**SUSAN H. ALLEN**, M.A., Ph.D. (Emory University); assistant professor of political science

**MUSTAFA SIDDIK ALTINAKAR**, B.S., M.S. (Middle East Technical University), M.S. (Federal Institute of Technology), Ph.D. (Lausanne University); associate director of applied research and research professor

**ANTHONY PAUL AMMETER**, B.S., M.B.A. (University of Manitoba), Ph.D. (University of Texas at Austin); associate professor of management information systems and associate dean of undergraduate programs

**JULIE J. ANDERSON**, B.S., M.S. (The University of Mississippi); instructor in mathematics

**JENNIFER ANGLE**, B.A., M.A.E. (The University of Mississippi); instructor in curriculum and instruction and director of youth educational programs

**AMALA DASS ANTONY SAMY**, Ph.D. (University of Missouri-Rolla); assistant professor of chemistry and biochemistry

**GLEN S. ARCHIBALD**, B.S., M.A., Ph.D. (University of Houston); assistant professor of economics

**MELVIN S. ARRINGTON**, B.A. (Mississippi College), M.L.S., M.A., Ph.D. (University of Kentucky); professor of modern languages

**JEANNI ATKINS**, B.A. (Maryville College), M.A., Ph.D. (University of Missouri-Columbia); associate professor of journalism

**JOSEPH B. ATKINS**, B.A. (East Carolina University), M.A. (American University); professor of journalism

**JULIA A. AUBREY**, B.M., M.M., M.A. (University of Missouri-Columbia); associate professor of music

**BONNIE A. AVERY**, B.S., B.A. (Minot State University), Ph.D. (University of North Dakota); associate professor of pharmaceuticals and research associate professor in Research Institute of Pharmaceutical Sciences

**MITCHELL A. AVERY**, B.S., Ph.D. (University of California-Santa Cruz); professor of medicinal chemistry, research professor in the Research Institute of Pharmaceutical Sciences and director of LADDs

**ADNAN AYDIN**, B.S., M.S. (Middle East Technical University), Ph.D. (Memorial University of Newfoundland); associate professor of geology

**GEORGE PHILLIP AYERS**, B.S., D.P.H. (The University of Mississippi); clinical assistant professor of pharmacy practice

**BENJAMIN FRANKLIN BANAHAN**, B.S. (Louisiana State University-Baton Rouge), M.S., Ph.D. (The University of Mississippi); director, Center for Pharmaceutical Marketing and Management and research professor in the Research Institute of Pharmaceutical Sciences and professor of pharmacy administration.

**JACK VINCENT BARBERA**, B.A., M.A., Ph.D. (University of Chicago); professor of English

**DEBORAH E. BARKER**, B.A., M.A. (University of Oklahoma-Norman Campus), Ph.D. (Princeton University); associate professor of English

**ANGELA TILL BARLOW**, B.S., M.S., M.S., Ph.D. (Auburn University); associate professor of curriculum and instruction

**ROBERT WILLIAM BARNARD**, B.S., M.A. (American University), Ph.D. (University of Memphis); associate professor of philosophy

**RICHARD L. BARNES**, B.A. (Northwestern University), J.D. (University of Arizona), LL.M. (Northwestern University); professor of law

**MICHAEL ANDREW BARNETT**, M.F.A. (Florida State University); assistant professor of lighting design

**ROSUSAN D. BARTEE**, B.A. (Tougaloo College), M.A. (Northwestern University), Ph.D. (University of Illinois-Urbana Campus); associate professor of leadership and counselor education

**IRMA BARTOLO**, B.A., M.A. (Southern Illinois University-Carbondale); instructor in modern languages

**MARTHA ANN BASS**, Ph.D. (University of Arkansas-Fayetteville); assistant professor of health and exercise science

**MELISSA L. BASS**, Ph.D. (Brandeis University); assistant professor of public policy leadership

**KIM R. BEASON**, B.S. (College of the Ozarks), M.Ed., Ed.D. (University of Arkansas-Fayetteville); associate professor of park and recreation management and director of senior aquatics therapy program

**ANDREA SHERRILL BEDSWORTH**, M.F.A. (Tulane University of Louisiana); instructor in theatre and costume shop manager

**STEPHANIE CLAIRE HENRY BEEBE**, B.A. (The University of Mississippi), M.S. (The University of Alabama); instructor and speech language pathologist

**DEBORAH H. BELL**, B.A. (Mississippi College), J.D. (The University of Mississippi); professor of law

**MICHAEL T. BELONGIA**, B.A. (University of Wisconsin-Madison), M.S. (Virginia Polytechnic Institute and State), Ph.D. (North Carolina State University-Raleigh); Otho Smith Professor of Economics

**JOHN P. BENTLEY**, M.B.A. (Drake University), Ph.D., M.S. (The University of Mississippi); associate professor of pharmacy administration and research associate professor in Research Institute of Pharmaceutical Sciences

**NANCY BERCAW**, B.A. (Oberlin College), M.A., Ph.D. (University of Pennsylvania); associate professor of history and Southern studies

**EMANUELE BERTI**, assistant professor of physics and astronomy

**MARK N. BING**, B.A. (University of Colorado at Boulder), M.S. (Villanova University), Ph.D. (University of Tennessee-Knoxville); assistant professor of management

**DONNA H. BINGHAM**, B.A. (Jackson State University), Pharm.D. (University of Tennessee-Knoxville); clinical assistant professor of pharmacy practice

**JOE M. BLACKBOURN**, B.S. (Mississippi State University), M.S. (Central Missouri State University), Ph.D. (Mississippi State University); associate professor of special education

**SARAH E. BLACKWELL**, B.S. (Mississippi College), M.Ed., Ph.D. (The University of Mississippi); assistant professor of elementary education

**LAUREN SMYTHE BLOODWORTH**, B.S., Pharm.D. (The University of Mississippi); clinical assistant professor of pharmacy practice, coordinator of student services and student professional development-UMMC campus, and administrator of the UM Delta Pharmacy Patient Care Management Services Project

**ELIZABETH ANNE BOERGER**, B.A. (Grinnell College), M.S. (University of Pittsburgh), M.A., Ph.D. (University of Texas at Austin); assistant professor of psychology

**ANNE K. BOMBA**, B.S., M.S., Ph.D. (Oklahoma State University); associate professor of family and consumer sciences

**LUCA BOMBELLI**, B.S. (Università degli Studi di Milano), M.S., Ph.D. (Syracuse University); associate professor of physics and astronomy

**ALICIA S. BOULDIN**, B.S., M.S., Ph.D. (The University of Mississippi); associate professor of pharmacy administration and research associate professor for instructional assessment and advancement

**JANICE K. BOUNDS**, B.S. (Georgia Southwestern College), M.B.E. (The University of Mississippi); associate professor of legal studies

**KEN BOUTWELL**, B.A. (University of Southern Mississippi), M.Ed. (Utah State University); broadcast production coordinator and assistant professor of journalism

**KENDALL OWEN BOWLIN**, B.B.A. (University of Texas at Austin), M.A.C. (The University of Mississippi), Ph.D. (University of Texas at Austin); assistant professor of accountancy instruction

**MARGARET-SAFRONIA WARIGIA BOWMAN**, J.D. (University of Texas at Austin); assistant professor of public policy leadership

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