For more information about the University of Montevallo:

Admissions Office (undergraduate students)……………………………………….. 205-665-6030
Graduate Admissions and Records (graduate students)............................. 205-665-6350
Cashier (student accounts)........................................................................ 205-665-6065
Financial Aid............................................................................................. 205-665-6050
Housing and Residence Life...................................................................... 205-665-6235
Registrar’s Office (transcripts)................................................................. 205-665-6040
University of Montevallo Website................................................................ www.montevallo.edu

Equal Opportunity/Affirmative Action Notice

The University of Montevallo is an equal opportunity/affirmative action institution and prohibits unlawful discrimination on the basis of race, color, religion, national origin, gender, age, disability, or disabled veteran/Vietnam era veteran status in the University’s educational programs; admissions policies; faculty, staff, and student employment policies; financial aid; or other school-administered programs and services. The University of Montevallo prohibits any form of harassment related to race, color, religion, national origin, gender, sexual orientation, age, disability, or veteran status of and by faculty, staff, and students.

The Director of Human Resources and Risk Management is responsible for coordination of all activities to ensure equal opportunity/affirmative action in all University programs and activities and for monitoring their effectiveness. Inquiries regarding compliance with this notice may be directed to the DHRRM at (205) 665-6055.

Title IX

Title IX states that “no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance.”

Title IX covers all aspects of education programs and the treatment of students, including, but not limited to, admissions, athletics, and employment, at all levels of education. The Director of Human Resources and Risk Management serves as the University’s Title IX and Equal Opportunity Compliance Officer and is responsible for receiving and conducting the administrative investigation of all Title IX reports and is available to discuss options, explain University policies and procedures, and provide education on relevant issues.

Inquiries regarding compliance with this notice may be directed to:
Barbara Forrest
UM Title IX Officer
forrestb@montevallo.edu
(205) 665-6055

Public safety information is available at the following address:
www.montevallo.edu/campus-life/campus/campus-safety/

This publication is for information only and does not constitute a contract. The University reserves the right to change all fees, tuition, and costs of any kind without prior notice and further reserves the right to add or delete any course offering or related academic information in this publication without notice.

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University of Montevallo

Combined
Undergraduate and Graduate
Bulletins
2016-2017

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University Calendar

Note: Those using this calendar for planning purposes should check this page online periodically for updates/changes.

Fall Semester, 2016

August 19  
Registration for new students
Registration - Undergraduate and Graduate

August 22  
Classes begin
 Late Registration
 Payment deadline for registration, Fall Semester

August 22-26  
Drop/Add period

August 26  
Last day for refund for dropped course(s)

September 5  
Labor Day holiday (University closed)

October 10  
Mid-Semester week begins

October 13  
Founders' Day

October 25  
Last day for course or semester withdrawal (all students)

October 31  
Spring Semester and Summer Term registration begins for all currently enrolled graduate students

November 2  
Spring Semester and Summer Term registration begins for all currently enrolled undergraduate students

November 23-25  
Thanksgiving holidays (University closed)

November 28  
Classes resume

December 1-2  
Classes meet as scheduled; however, no exams or quizzes (with the exception of makeup exams) may be administered and no other graded assignments may be due. See Fledgling for additional information.

December 5-9  
Final examinations

December 9  
Commencement at 5:00 p.m.

December 19-January 1  
Holidays (University closed)

Spring Semester, 2017

January 2  
University opens

January 10  
Registration for new students
Registration - Undergraduate and Graduate

January 11  
Classes begin
 Late Registration
 Payment deadline for registration, Spring Semester

January 11-17  
Drop/Add

January 16  
Martin Luther King Jr. holiday (University closed)

January 17  
Last day for refund for dropped course(s)

February 8-11  
College Night and Homecoming activities

February 10  
No classes

February 27  
Mid-Semester week begins

March 17  
Last day for course or semester withdrawal (all students)

March 24*  
Spring holidays for students and faculty begin at 5:00 p.m.

April 3*  
Classes resume at 8:00 a.m.

April 10  
Fall Semester registration begins for all currently enrolled graduate students

April 12  
Fall Semester registration begins for all currently enrolled undergraduate students

*continued on next page
Classes meet as scheduled; however, no exams or quizzes (with the exception of makeup exams) may be administered and no other graded assignments may be due. See Fledgling for additional information.

May 1-5  Final examinations
May 6  Commencement (time TBA)
*If Shelby County schools revises its calendar for Spring Break, this date will be adjusted accordingly.

Summer Semester, 2017

May Term, 2017
May 8  Registration
Classes begin
Payment deadline for registration, May Term
May 9  Last day for refund for dropped course(s)
May 17  Mid-term
May 18  Last day for course or term withdrawal (all students)
May 26  Final examinations
May 29  Memorial Day holiday (University closed)

Summer I, 2017
May 30  Registration
Registration for new students for Summer I and Summer II
May 31  Classes begin
Payment deadline for registration, Summer I
Last day to add courses
Last day to late register
June 1  Last day for refund for dropped course(s)
June 9  Classes do not meet
June 14  Mid-term
June 16  Classes do not meet
June 19  Last day for course or term withdrawal (all students)
June 23  Classes do not meet
June 29  Classes do not meet
June 30  Final examinations

Summer II, 2017
July 3  Registration
July 4  Independence Day Holiday (University closed)
July 5  Classes begin
Payment deadline for registration, Summer II
Last day to add courses
Last day to late register
July 6  Last day for refund for dropped course(s)
July 14  Classes do not meet
July 19  Mid-term
July 21  Classes do not meet
July 24  Last day for course or term withdrawal (all students)
July 28  Classes do not meet
August 3  Classes do not meet
August 4  Final examinations
The University

History

In 1896, the community of Montevallo was selected as the site for a new state educational institution for women. Several factors recommended the town over larger rivals. Located near the center of the state, Montevallo had pure water, scenic beauty, and a relaxed, small-town atmosphere, not to mention a generous offer of support from enthusiastic local citizens.

The school opened on October 12 in Reynolds Hall, an 1851 building that still houses classrooms and offices. Each year, the second Thursday of October is still celebrated on campus as Founders' Day. As Alabama College, the school served as the state college for women until 1956, when the first full-time male students were admitted.

As enrollment grew and programs expanded, Alabama College was reorganized and, in 1969, was renamed the University of Montevallo. Now, in its second century, the University remains committed to the vision and high standards established by its founders.

Mission and Goals

The University’s mission, unique in higher education in Alabama, is “to provide to students from throughout the state an affordable, geographically accessible, ‘small college’ public higher educational experience of high quality, with a strong emphasis on undergraduate liberal studies and with professional programs supported by a broad base of arts and sciences, designed for their intellectual and personal growth in the pursuit of meaningful employment and responsible, informed citizenship.” Affirmed by the Board of Trustees in 1978 and again as recently as 2008, the mission statement is incorporated into state statutes. The University also regularly adopts and publishes a strategic plan, which becomes the basis for developing and evaluating all of the institution’s activities. The current strategic plan (2015-2020) focuses on promoting academic excellence, enhancing student engagement and success, and engaging our community through mutually beneficial relationships that support academic, economic, and sociocultural well-being.

Vision

For undergraduates, our vision is to offer academically capable students from all sociodemographic backgrounds an affordable, life-enriching, "honors college" experience stressing community service and global awareness, all within an atmosphere of national historic beauty and a tradition of innovative cultural expression. Our vision for graduate students builds on this undergraduate foundation, using traditional and innovative instructional methods to foster growth in specialized skills and knowledge required by practicing educators, counselors, speech-language clinicians, scholars in the humanities, and other professional leaders, within a nurturing environment steeped in the unique "Montevallo experience."

Assessment Program

The University-wide assessment program measures progress toward established goals and student learning outcomes, promotes improvements in teaching and learning, evaluates the accomplishment of educational and administrative goals, and facilitates continuing review of institutional effectiveness. Students participate in a variety of evaluative activities, beginning during the freshman year and continuing beyond graduation. Students may be required to take nationally and locally developed tests and surveys, contribute to portfolios, share ideas in focus groups, respond to interviews, or participate in other ways to improve the education and services provided by the University. Assessments of aspects of institutional effectiveness are regularly conducted by and through academic and administrative departments.

Accreditation

The University of Montevallo is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award Bachelor's, Master's, and Educational Specialist 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 Montevallo.

Additionally, the University is committed to attaining national accreditation in its programs where such recognition is available and appropriate. The University of Montevallo and its programs have been accredited or approved by the following organizations: Accreditation Council for Education in Nutrition and Dietetics (ACEND), American Association of Family and Consumer Sciences (AAFCS), The Association to Advance Collegiate Schools of Business (AACSB International), Council for Accreditation of Counseling and Related Educational Programs (CACREP), Council on Academic Accreditation of the American Speech-Language-Hearing Association, National Council for the Accreditation of Teacher Education (NCATE)/Council for the Accreditation of Educator Preparation (CAEP)
Council on Social Work Education (CSWE)
National Association for the Education of Young Children (NAEYC)
National Association of Schools of Art and Design (NASAD)
National Association of Schools of Music (NASM)

All education programs that result in state licensure are also approved by the Alabama State Board of Education.

The University is also a member of the prestigious Council of Public Liberal Arts Colleges (COPLAC) and the Birmingham Area Consortium for Higher Education (BACHE).

Campus

Famous for its red brick streets and paths, the 160-acre main campus has more than 40 buildings surrounded by lawns, groves, and flower beds. The central portion of the campus is a National Historic District with two antebellum structures, including the 1823 Edmund King House. The Olmsted Brothers—of the landscape architecture firm famous for designing New York's Central Park, Atlanta's Ponce de Leon Avenue parks, and the grounds of Biltmore Estate near Asheville, North Carolina—also developed the first plan for the Montevallo campus. Their basic design ideas are still followed.

Facilities

Farmer Hall, the Student Union Building, is home to the James R. Wilkinson Student Life Center at Farmer Hall. The Center includes dining options, a game room, an indoor lounge area, an outdoor patio and a spirit store filled with school memorabilia available for purchase. Farmer Hall also houses a student post office and the Student Life and SGA offices.

The Stewart Student Retreat Center is available for informal gatherings of up to 150 people. The Center was constructed in 1991.

The 1,200-seat Palmer Auditorium, with a large stage and orchestra pit, opened in 1930 and was renovated and rededicated in 1980. The acoustically advanced, 250-seat LeBaron Recital Hall was completed in 1972. The Merchants and Planters Bank Auditorium at Comer Hall contains technologically advanced multimedia equipment and is used extensively for lectures and films. Reynolds Studio Theatre, housed in the historic Reynolds Hall, is a flexible performance space of approximately 160 seats. The theatre contains state-of-the-art lighting and sound equipment and serves as the venue for most UM Theatre Department productions.

The science building, Harman Hall, contains seven laboratories, 14 laboratory-lectue rooms, and a computer room.

The University's James Wylie Shepherd Observatory (JWSO) is located roughly three miles from the main campus, at UM's Gentry Springs property. The facility is capable of world-class astronomical telescopic observation and astrophotography, has a dedicated telescope for solar viewing, and is one of very few observatories in the country that is designed specifically to be completely accessible to people of all disabilities. The JWSO's auxiliary telescopes for solar and planetary observing can be set up at various locations outside the main dome, which is surrounded by solar-powered low-level lighting. A newly installed 1.4 kW solar generator produces more electricity than the Observatory consumes, and the new Command Center features self-composting toilets and a rainwater collection and purification system. These green initiatives provide another step forward in a massive environmental turnaround at the site, a former university construction-debris landfill.

The University's Ebenezer Swamp Ecological Preserve is located on Spring Creek, approximately six miles northeast of the campus. It consists of 120 acres of wooded wetlands and is home to numerous species of fungi, plants, and animals. The Preserve is used for teaching and research purposes. Ongoing research projects include water-quality testing and surveys of vegetation and macroinvertebrate diversity.

Bloch Hall, built in 1915, was the first separate permanent classroom building on campus. It houses the Departments of Family and Consumer Sciences and Art. Art students display their work in The Gallery at Bloch Hall, which is located on the lower level of the building.

Wills Hall, the home of the College of Education, houses classrooms, faculty offices, The Malone Center for Excellence in Teaching and an up-to-date microcomputer laboratory. Most Wills Hall classrooms provide state-of-the-art, multimedia-enhanced instruction.

The University offers excellent facilities for the practice and performance of music. There is a Holtkamp organ in Palmer Auditorium and a Flentrop organ in LeBaron Recital Hall. At Davis Hall, home of the Music Department, are LeBaron Recital Hall, soundproof practice rooms, and the Long Music Technology Laboratory.

The Mass Communication Center contains a fully equipped television studio, editing suites, and other radio and television broadcasting equipment.

The Wallace Speech and Hearing Center houses the offices and classrooms of the Department of Communication Science and Disorders. Expanded in 1991, it includes a diagnostic center for the treatment of speech and hearing disorders.

The Van Tuyll House, located at 744 Oak Street next to Napier Hall, is home to Graduate Admissions and Records. This historic house was renovated during the summer of 2009. Built during the late-19th century by Henry Lyman, it was once the home of Dr. Hendrik
Van Tuyll, former UM professor of philosophy and religion.

University athletic facilities include Johnson Baseball Field, tennis courts, varsity and practice soccer fields, a softball field, a track and field complex, and the Robert M. McChesney Student Activity Center, which opened in 2004. The 97,000 square-foot Center provides for a variety of recreational activities including aerobics, weight and circuit training, and racquetball. A 3,500-seat convocation center is the home of Falcon basketball and volleyball. University facilities coordinated through the McChesney Center include two gymnasiums, an indoor swimming pool, several athletic fields, tennis courts, a sand volleyball facility, a lake and camping area, an 18-hole golf course, and a driving range.

There are several computer labs, supported by the Information Services & Technology, available for student use. The campus has access to the Internet through the Alabama Supercomputer Authority.

The nine student residence halls provide telephone and cable-television access in each room, as well as connections to the campus electronic network and the Internet. A network of television and fiber-optic cable also connects all classroom buildings.

Ramsay Hall, which is the residential hall for UM Honors students, contains conference rooms, as well as the offices of Institutional Research, Planning and Assessment; Central Calendar; and University Events. An event planner is available to coordinate campus conferences and workshops. Reservations and rate information may be obtained by calling (205) 665-6280.

Adjacent to campus, the Alabama Traffic Safety Center offers traffic safety teacher preparation coursework, as well as corporate- and public-sector driver training programs. The Center houses classrooms, a driving range, and skid pad training facilities. Center personnel deliver motorcycle rider training at sites in Dothan, Huntsville, and Montgomery, as well as on campus.

Libraries

Carmichael Library

The Oliver Cromwell Carmichael Library includes a collection of more than 250,000 books, 500 current journal subscriptions, microforms, music scores, DVDs, videos, and multimedia resources. The library provides access to more than 100 electronic databases, including more than 5,000 electronic journals, ebooks and the W.M. “Mac” Wyatt collection of digitized newspapers from the early 20th century Montevallo and Calera area. The EBSO electronic classroom provides space for students to receive hands-on instruction. The library includes over 50 computers, scanners, copiers, and lends Chromebooks as well as digital cameras.

The Milner Archives and Special Collections preserves the institutional memory of the University of Montevallo from its founding in 1896 to the present day. The archives includes College Night scrapbooks, the records of student organizations, material that pertain to alumni, publications, photographs, scrapbooks, and artifacts.

The Digital Media Lab and 3D Print Lab offers expertise to faculty and students who are doing transformative work in digital media and 3D printing. Students and faculty can find assistance with audio and video editing, audio recording, scanning, and 3D modeling. The Digital Media Lab includes Macs, scanners, and software to create multimedia projects for classes.

The IT Solution Center is located on the ground floor of the library. Faculty, staff, and students can walk up to the Solution Center Help Desk and ask for assistance to solve IT or computer issues.

The Learning Enrichment Center (LEC) is located on the ground floor of the library. The LEC offers free peer-tutoring on a drop-in basis or by appointment. Students requesting assistance in a particular class will work with a tutor, a student who has already taken the class and done well in the class. Students can meet one-on one with a peer tutor or in a small group setting.

The librarians teach research skills through several information literacy programs customized for undergraduate, upper-level and graduate students. Librarians offer Research Consultations, online reference assistance as well as via e-mail.

Materials not owned by Carmichael Library can be obtained through interlibrary loan at no cost to students and current faculty and staff. Interlibrary loan provides free delivery of books, chapters of books, and articles not held in the Carmichael Library. Additionally, the Interlibrary Loan department offers Scan and Deliver, a service for distance learners, graduate students, faculty and staff. Scan and deliver provides material held in Carmichael Library to your desktop or home. Articles or chapters in books can be scanned and sent to your desktop. Books in the library can be mailed to distance learners.

Luis Benejam Music Library

The Luis Benejam Music Library, part of the Carmichael Library collection, was named for Luis Benejam, violinist and composer-in-residence at the University for many years. The Benejam Music Library includes audio equipment, sound recordings, and music scores, including manuscripts of Benejam's works. Many of Benejam's original manuscripts are housed in the University's archives.

The Malone Center for Excellence in Teaching

The Malone Center for Excellence in Teaching models and promotes the use of innovative ideas and
practices that will enhance teaching, learning, and instructional technology use. It offers a wide range of resources and services that support and guide UM faculty and students in striving to continually improve teaching and learning experiences. The Malone Center for Excellence in Teaching offers services and support under four divisions: Curriculum and Learning Resources, Computing Labs, Videoconferencing, and Technology-Enhanced Learning Spaces.

Faculty Development initiatives include structured opportunities for faculty to complete UM campus continuing education in the following areas: (1) 21st Century Learning; (2) Building Inclusive Classrooms; (3) eLearning; (4) Grant Writing; and (5) LEAP Initiatives. Multiple formats are employed for development, including external speakers, peer-led initiatives, intensive workshops, institutes, conferencing, and consultation.

Faculty Services include instructional technology support, instructional design, and assistive technology assistance. An instructional technologist is available to support faculty integration of technology in traditional classrooms. Our instructional technologist can support the integration of hardware and software by working with faculty to connect their teaching to an available and appropriate technology. An instructional designer is available to work collaboratively with faculty to develop learning modules for hybrid and online course delivery. An assistive technology assistant is available to ensure all digital materials used for instruction are ADA compliant; services include closed captioning videos, tagging PDF documents, and more.

The Curriculum and Learning Resource Center houses approximately 7,500 print and non-print instructional resources and supplies. The collection supports professional education programs in particular and consists of state-approved textbooks, state courses of study, national education standards, periodicals, children's literature, big books, professional and reference books, and expanding multicultural and special education collections.

The Computing Labs division consists of two computer labs within Wills Hall. The labs predominately serve the instructional needs of the College of Education. These facilities are also available to the campus community to support student, faculty, and staff training; proctored testing for online courses; and in other ways necessary to support campus-wide improvements in teaching and learning.

The Videoconferencing division supports the College of Education’s expanding utilization of videoconferencing technology for teacher education. Additionally, The Malone Center for Excellence in Teaching promotes the use of videoconferencing by proactively modeling, demonstrating, and showcasing the capabilities and potential of this instructional tool to other colleges and units on campus.

The Technology-Enhanced Learning Spaces division consists of multimedia classrooms and carts within the College of Education and the Digital Café located in The Malone Center for Excellence in Teaching. The Digital Café is a state-of-the-art learning space that includes easily reconfigurable furniture, a laptop bar (to support student laptop use), small-group work areas (with 32” LCD monitors and laptop ports), mobile white boards, 56” LCD monitor for large-group multimedia presentations, and an open student lounge. In addition to serving as a more traditional classroom when necessary, this flexible facility is primarily intended to serve as an “incubator” space to promote experimental, non-traditional, and highly innovative models for teaching and learning.

**Computer Access**

The University recognizes the value of technology, both as an instructional medium and in fostering essential skills that will benefit students after graduation. Students are encouraged to use computers whenever possible in their class preparation and study. Computers are available across campus for student use either in general-purpose or discipline-specific laboratories, or in multimedia classrooms. The general-purpose lab, located in Carmichael Library, has computers in either Macintosh® or PC formats.

Students also have access through the Internet to a variety of information about the University and outside educational resources. From the University's home page students may link to administrative services such as application to the University and class registration, and may obtain grades, billings, class schedules, and department-specific information. E-mail is an official method of communication between the University and students. Student e-mail accounts are provided free of charge through forUM, the University-maintained e-mail program. Students are responsible for regularly checking their forUM accounts in a timely fashion. For more information on forUM usage, refer to the "Communications with Students" section in this chapter.

Students are encouraged to use their own computers both from campus sites and from off campus via the Internet to communicate with other students, professors or administrative offices. A local area network connects all academic buildings and each residence hall room.

**Montevallo**

Gentle ridges crisscross the heavily wooded countryside around Montevallo. Nearby Oak Mountain State Park offers 10,000 acres of hiking, boating, swimming, golf, tennis and fishing, plus a 5,000-seat outdoor amphitheater. Historic Brierfield Ironworks Park features a pool and facilities for picnicking or camping.

Orr Park, located on Park Drive in Montevallo, is home to the unique tree carvings of Tim Tingle and
also features walking trails, picnic facilities, and benches bordering a preserve along Shoal Creek.

The town of approximately 4,200 residents is seven miles from Interstate 65 and U.S. 31. Near the geographic center of Alabama, Montevallo is about 35 miles south of Birmingham and 60 miles north of Montgomery. State highways 25, 119 and 155 intersect at Montevallo. Several major airlines serve the Birmingham airport, and there is a small municipal airport at Alabaster, within 10 miles of campus.

The American Village Citizenship Trust is located on Highway 119, just a few miles north of the city of Montevallo. Created by legislative act in 1995 and dedicated in November 1999, the American Village is the first civic education campus in the country built to provide experience-based learning for young people. In addition, the Alabama National Cemetery, a 479-acre facility owned and operated by the U.S. Department of Veterans Affairs, is also located in Montevallo on Hwy. 119.

Birmingham

An industrial center since the 19th century, the nearby "Magic City" is now a world leader in healthcare technology. The city's Kirklin Clinic is a masterpiece of renowned architect I. M. Pei, and the Birmingham Museum of Art is a cultural resource.

The Birmingham Civil Rights Institute commemorates the city's recent history as a center of the struggle for racial justice. The Institute's museum makes innovative use of video, artifacts and interactive displays, and its facilities regularly house programs and exhibits concerning human rights. Other Birmingham-area attractions include a zoo, botanical gardens, the Five Points South district and Sloss Furnaces, an historic landmark that also serves as a unique gathering place for concerts and festivals. The Parkside area of downtown Birmingham is home to Railroad Park and Regions Field, home of the Birmingham Barons. Birmingham is home to Riverchase Galleria, one of the largest shopping malls in the nation, as well as The Summit and several factory outlets, specialty shops and boutiques.

Birmingham's hands-on science and technology center, the McWane Science Center, offers ScienceQuest, Just Mice Size, World of Water and the IMAX® Dome Theatre, as well as other temporary educational exhibits.

UM's Funding

Montevallo is a public university and receives slightly less than 38 percent of its annual operating budget from state appropriations. Thirty-three percent of the budget is derived from tuition and fees. Other income and gifts provide the balance for annual operations. Private charitable gifts and bequests are an increasingly important source of funds. Through the Annual Fund, Comprehensive Campaign, and other giving programs, alumni, parents, students, and friends provide additional support for scholarships, academic and athletic programs, research, equipment, and special recognitions. Tax-deductible gifts for University programs, scholarships, and other uses are received by the University of Montevallo Foundation. The Foundation is an autonomous, private, non-profit corporation, governed by a Board of Directors.

General Information

Alumni Association

Organized in 1902, the Alumni Association helps maintain ties between the University and its alumni. Everyone who has matriculated at Montevallo is eligible for active membership in the Association. Students can also participate through the Student Alumni Association of Montevallo. The Mary Lee Garrett Brown Alumni Center is located in Reynolds Hall. Alumni chapters meet in all parts of Alabama and in other states. An elected Board of Directors manages the affairs of the association. In addition to planning special events and educational opportunities for alumni, the association awards the prestigious Alumni Honors Scholarships.

Food Service

Food service for students is provided in Anna Irvin Hall, a central dining facility. Faculty, staff, and visitors may use the dining hall on a per-meal basis. A food-service firm operates the dining services under contract on a seven-day schedule when classes are in session. Students with special dietary needs may present a copy of the diet to the Food Services Manager; such diets are prepared in the cafeteria. Additional food options are located in the Wilkinson Student Life Center in Farmer Hall and Carmichael Library.

Holidays

University holidays, which are listed in the University Calendar, are winter and spring vacations, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, and Thanksgiving. There are no classes during University holidays. The cafeteria and residence halls, except Brooke, Lund, and Peck Halls, are closed during the Thanksgiving holiday and winter and spring vacations.

Communications with Students

The University uses an e-mail system (forUM), as well as post office boxes, to officially communicate with students. Each undergraduate student is assigned a forUM e-mail address, and resident undergraduate students are assigned a mail box in the campus post office, which is located in Farmer Hall. Both are provided at no charge to registered students. Students are responsible for checking their e-mail accounts and post office boxes in a timely fashion and on a regular
basis.

ForUM e-mail is the official means of communication among students, faculty, and administrators at the University of Montevallo - and may be the official means of communication between students and their instructors. Students may receive a variety of very important forUM e-mail messages from various offices on campus for which some timely response will be required. The official e-mail system for students is identified by userID@forum.montevallo.edu and can be accessed via the forUM link on the University's website.

Students should remember that:

- They are responsible for monitoring and managing their account regularly, even during breaks.
- They are responsible for all announcements, requests, and/or sensitive information delivered to their forUM e-mail account, including information provided by the instructors of courses in which they are enrolled.
- They may electronically forward their forUM e-mail to another e-mail address (e.g., @hotmail.com, @gmail.com), but at their own risk. The University is not responsible for the handling of forwarded e-mail. Having e-mail forwarded does not absolve students from the responsibilities associated with communication sent to their official forUM e-mail address.
- Questions regarding forUM e-mail accounts should be directed to Information Services & Technology at 665-6512 or by email to solutioncenter@montevallo.edu.

**UMAlert Emergency Contact System**

The University of Montevallo utilizes a state-of-the-art, rapid-alert system called UMAlert. This system provides members of the UM community with the most-advanced rapid communication program currently available for schools.

UMAlert enhances the timeliness of UM's emergency communications and provides the University with a convenient and effective tool for informing students, faculty, and staff of human or natural threats. Through UMAlert, members of the University community, whether on campus or not, can be notified within moments of an urgent event. Emergency messages are sent via telephone (land line and cell), voice mail, text messaging, and e-mail.

**Telephone System**

The University telephone service is toll-free in the greater-Birmingham area. Students living on campus may arrange for telephone service through the local provider.

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**University Publications**

This Bulletin should be retained by students throughout their enrollment at the University. It contains essential information for prospective and enrolled students and the general public regarding admission requirements, course listings, curricula, academic standards, and general regulations.

The *Fledgling*, published on the University's website by the Student Government Association, contains the traditions and regulations of the University.

*Vallo Voice*, the official weekly campus-wide communication news source for faculty and staff, is distributed through email by University Relations.

The alumni magazine, *Montevallo Today*, is published three times per year and is mailed to graduates, former students, and friends of the University.
Student Services & Activities

There are many sides to campus life outside the classroom at Montevallo. Whether it’s athletic, artistic, intellectual, or recreational, something is always happening on campus. This section of the Bulletin provides an introduction to the student community at Montevallo and to the campus and community advisers, directors, volunteers, and friends who provide student activities, programs, and services.

Student Affairs
Tammi Dahle, Dean of Students
Main Hall, Station 6020
telephone: (205) 665-6020
fax: (205) 665-6017
e-mail: dahlet@montevallo.edu

Staff in Student Affairs motivate, support, and challenge students in their pursuit of becoming meaningfully employed, responsible, and informed citizens by assisting students to identify and pursue their passions. In addition, they collaborate with faculty, students, staff, and the community to provide a unique liberal education experience rooted in the values of diversity and social justice in order to honor the unique talents of each individual.

In keeping with this mission, the following offices in Student Affairs provide an array of student services.

Housing and Residence Life
John Denson, Director
Main West (1st floor), Station 6235
telephone: (205) 665-6235
fax: (205) 665-8596
e-mail: jdenson1@montevallo.edu

Living on campus allows students to experience college life to its fullest. The UM residence halls provide not only convenience and a sense of community, but constant opportunities for intellectual, social, and emotional growth as well.

Living on campus puts you close to your classes, dining hall, student activity center, library, and all the campus activities.

Self-government is encouraged in all residence halls. Residence Hall Directors are aided by student Resident Assistants (RAs), who are responsible for the floors on which they live.

The Housing and Residence Life Office coordinates all on-campus housing assignments.

Residence Halls
There are nine air-conditioned residence halls on campus, with internet access and cable television service in each room.

<table>
<thead>
<tr>
<th>Residence Hall</th>
<th>Residents</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brooke</td>
<td>Female</td>
<td>199</td>
</tr>
<tr>
<td>Hanson</td>
<td>Female</td>
<td>157</td>
</tr>
<tr>
<td>Lund</td>
<td>Male</td>
<td>96</td>
</tr>
<tr>
<td>Main</td>
<td>Female</td>
<td>296</td>
</tr>
<tr>
<td>Napier</td>
<td>Male</td>
<td>152</td>
</tr>
<tr>
<td>Peck (12-month)</td>
<td>Male &amp; Female</td>
<td>100</td>
</tr>
<tr>
<td>Ramsay</td>
<td>Male &amp; Female</td>
<td>72</td>
</tr>
<tr>
<td>Tutwiler</td>
<td>Female</td>
<td>119</td>
</tr>
<tr>
<td>New (fall 2009)</td>
<td>Male &amp; Female</td>
<td>153</td>
</tr>
</tbody>
</table>

All freshmen under the age of 19 are required to live on campus unless they are married or living with parents or guardian. Students with special circumstances may contact the Director of Housing and Residence Life. In addition, in order to be eligible to live on campus, a student must be a high-school graduate and be enrolled for at least six hours of classes per term (three hours per summer term).

Research shows that living on campus is a very positive factor for a student’s success and, at Montevallo, helping all students succeed is a priority.

Career Development Center
Angie Kelly, Director
Farmer Hall (2nd floor), Station 6263
telephone: (205) 665-6262

The Career Development Center offers many tools and resources including assessments to empower students while uncovering their personal strengths, career interests, and work values to define a good academic and career fit. We have knowledge and information to assist students in understanding the variety of career options available, and how to pursue that field by finding a major that fits their interests and abilities. Career counselors can help students develop an individualized plan with the necessary steps to reach their career goals.

Career counselors also work with students individually to design a professional résumé, create targeted cover letters, and locate opportunities to get them started in their career field. If post-baccalaureate education is needed, staff can assist students with the graduate- or professional-school application process. Visit us online for job postings, internships, downloadable
resources and helpful links, or call to schedule an appointment.

Find your purpose. Pursue your passion. Plan your future.

**Counseling Services**
Josh Miller, Director
Main Central (Lower Level), Station 6245
telephone: (205) 665-6245
fax: (205) 665-6255
e-mail: millerjd@montevallo.edu

Whether this is your first semester on campus, you are preparing to graduate, or you are somewhere in between, college can be challenging. The Counseling Services office is here to help! Our staff understands the pressures of being a college student and are available to meet with you. All services are free and confidential and are available to currently enrolled, degree-seeking students.

Our services include individual and group counseling. These services can help you as you learn to deal with relationships, live away from home, balance a variety of responsibilities, and handle everyday life, among other things. We are also involved in raising awareness on campus about mental-health issues that are relevant to you as a student.

To schedule an appointment with a counselor, stop by the lower level of Main Hall or call 665-6245. For more information about our services, visit the University’s website.

**Disability Support Services**
Deborah McCune, Director
Main Central (Lower Level), Station 6250
telephone: (205) 665-6250
fax: (205) 665-6255
e-mail: DSS@montevallo.edu

Disability Support Services (DSS) coordinates access and services for qualified students. Disability documentation guidelines and DSS application may be found on the DSS web page. Services may include, but are not limited to, classroom and testing accommodations, alternate format texts, access to adaptive software/equipment, advising, and temporary/permanent accessible parking permits. The staff provide external referrals as needed, such as for testing/evaluation professionals or the Department of Rehabilitation Services. DSS also serves as a resource to faculty and staff, providing in-service and assistance in implementing student accommodations.

**Health Services**
Kim Moon, Director
Main East (1st floor), Station 6275
telephone: (205) 665-6275
fax: (205) 665-8180
e-mail: kmoon@montevallo.edu

Health Services provides direct, basic medical care and serves as a referral source for students needing care beyond that which is available on campus. The majority of services provided are covered by a mandatory undergraduate health fee. Expenses incurred for care beyond that provided by the University are the responsibility of the student. Graduate students may elect to pay the health fee to access services provided.

To schedule an appointment, visit or call Health Services.

**Student Life**
Jenny Bell, Director
Farmer Hall (2nd floor), Station 6565
telephone: (205) 665-6565
fax: (205) 665-6566
e-mail: jbell8@montevallo.edu

The Student Life Office coordinates orientation, student organizations, intramural sports, and student events both on and off campus. The staff coordinates student leadership development programs, meets with the advisers to all campus groups, and advises the Panhellenic, National Pan-hellenic, and Interfraternity councils, the Student Government Association, and the University Program Council. The office also schedules functions at the Stewart Student Retreat, Farmer Hall Meeting Room, SGA Conference Room, and Student Life Center Stage.

Intercultural Life, inspired by the unique history of the University of Montevallo, is dedicated to implementing comprehensive educational, cultural, and social programs designed to combat bias, bigotry, and racism, while promoting intercultural dialogue, awareness of and respect for diversity. Intercultural Life works to further develop a culturally rich campus that prepares students to be global citizen leaders who make substantive contributions to their communities and throughout the world.

The Assistant Director of Student Life oversees intercultural life programs.
Providing the University of Montevallo Community with a safe and secure environment is our priority. The UM Police Department is a service orientated, professional department committed to the concept of Community Oriented Policing which is a philosophy of becoming involved with the people we serve, building collaborative partnerships, and working together as a team. Our goal is to support everyone in their educational pursuit by maintaining a safe community that is conducive to the spirit of learning. We provide the University with a full service Public Safety Agency that is open twenty-four hours a day, seven days a week. We encourage prompt reporting of all crimes and suspicious activity to the Campus Police to assist us in providing the best possible service. Working as a team in our community can only enhance the quality of life on our campus. Other services provided by the UMPD include vehicle registration, after-hours escort service, campus blue light phones, traffic appeals, and the UMAlert Emergency Notification System. For more information, visit the UMPD website at http://legacy.montevallo.edu/PublicSafety/

The Harbert Writing Center offers assistance to any enrolled student in developing writing skills. Tutors are trained to offer basic grammar review or to assist students with writing assignments in any subject. There is no charge to the student. Teacher candidates preparing for the English Language Proficiency Examination and students using English as a second language may also seek help from the Writing Center. Word processors are available.

The center serves eleven public school districts, facilitating professional development activities for teachers and administrators in those areas. It also offers Technology in Motion, Science in Motion, the Alabama Reading Initiative programs, and the Alabama Math, Science, and Technology Initiative.

The Learning Enrichment Center provides a variety of services for UM students aimed at maximizing learning and achieving a successful transition to the University. In cooperation with academic areas, the office designs, manages, and assesses a tutoring program for undergraduates, with special attention to identified needs among freshmen. Additionally, the office designs, manages, and helps assess a group advising program for undeclared/general studies majors that supplements the Vocational Discernment program offered by Student Affairs and supports and enhances the work of advisement/registration undertaken by the designated master advisers. The office assists members of the University community with special projects related to various academic support services for freshmen, including momentUM, the National Honor Soci-
Student Services & Activities

Student Services & Activities for First-Year Students (Alpha Lambda Delta), student transition activities, the Learning Communities Program, the Freshman Early Alert System, and retention efforts.

Speech and Hearing Services
Kandis Chatman, Staff Clinical Director
Wallace Speech & Hearing Center, Station 6720
telephone: (205) 665-6720
date: (205) 665-6721
e-mail: kchatman@montevallo.edu

The Speech and Language Clinic of the Department of Communication Science and Disorders provides assistance to students enrolled in the University, as well as the general public, who have problems with hearing, language, or speech. Any student may arrange for a hearing test by calling the Speech and Language Clinic and requesting an appointment for an evaluation. Evaluations of speech problems—voice, rhythm, articulation, and language—are provided at no charge. Needed therapeutic services are also provided at no cost to the student.

TRIO / McNair Scholars Program (Undergraduate Students)
Robert Leichnitz, Director
Sharpe House (1st floor), Station 6570
telephone: (205) 665-6570
date: (205) 665-6566
e-mail: rleichnitz@montevallo.edu

The McNair Scholars Program is designed to assist qualified undergraduate students in successfully completing the baccalaureate degree and entering graduate school. The McNair Program is funded through a grant from the U.S. Department of Education. The ultimate goal of the program is to assist students in earning the doctorate. Services provided to participants include graduate admissions assistance; graduate school and professional site visits; academic, professional, and personal development classes; admissions examination preparation; cultural enrichment opportunities; and an array of other services to assist students. The highlight of the program is a summer research opportunity where scholars are paired with faculty mentors to conduct scholarly research. Tuition, room, board, supplies, and a stipend are provided for the students during the research internship. The purpose is to prepare scholars for research they will encounter in graduate school. Students are encouraged to visit the McNair office during their sophomore year to inquire about eligibility criteria.

TRIO / Student Support Services / ASPIRE (Undergraduate Students)
R. Denise Myers, Director
Main Central (Lower Level), Station 6094
telephone: (205) 665-6094
date: (205) 665-6096
e-mail: rmyers1@montevallo.edu

ASPIRE (formerly Student Support Services) is a program sponsored by the University of Montevallo and funded by the U.S. Department of Education. It offers a variety of academic and personal support services that enhance students’ chances for success in college. Students may receive assistance from the ASPIRE program through tutoring, study-skills classes, academic counseling, career exploration, course advisement and registration, computer lab access, computer-assisted instruction, and cultural and social enrichment activities. A student may qualify if one or more of the following criteria are met: 1) neither parent (or guardian) has earned a four-year degree, 2) family income is within specified federal guidelines, and 3) the student has a documented learning or physical disability. Students are encouraged to visit the ASPIRE office to inquire about services and eligibility criteria.

TRIO / Upward Bound
Sharon Gilbert, Director
Sharpe House (2nd Floor), Station 6268
telephone: (205) 665-6268
date: (205) 665-6271
e-mail: gilberts@montevallo.edu

UM students have an opportunity to serve as mentors or tutors for high school students who have the desire to pursue a post-secondary education. Funded by the U.S. Department of Education, Upward Bound is designed for economically disadvantaged students and/or those whose parents do not have a college degree. The purpose is to provide academic skills, counseling, tutoring, cultural enrichment, and career mentoring necessary for students to successfully complete college. Students from Bibb, Chilton, and Shelby counties meet at the University two evenings per month during the academic year and participate in an intensive six-week residential program during the summer. The program employs UM students with a GPA of 3.0 or better to tutor program participants and assist instructors in classroom activities. Upward Bound further seeks UM student volunteers to serve as mentors. Mentors meet with Upward Bound students to answer questions, serve as role models, and help motivate educational persistence.
Additional Student Services

In addition to those services provided by Student Affairs and Academic Affairs, the following are also available to students.

**Robert M. McChesney Student Activity Center**

Ed Langham, Director
McChesney Student Activity Center, Station 6611
telephone: (205) 665-6611
fax: (205) 665-6587
e-mail: elangham@montevallo.edu

The Robert M. McChesney Student Activity Center provides a variety of recreational opportunities for students enrolled in the University. In addition to hosting home volleyball and basketball games, concerts, convocations, and other University-wide events, the McChesney Student Activity Center offers a state-of-the-art cardio-weight area, racquetball courts, multipurpose rooms, an intercollegiate swimming pool, and a walking track. An 18-hole disc golf course has recently been added to the area outside the facility. The mission of the McChesney Student Activity Center is to support the student's higher educational experience by providing comprehensive wellness components through recreational facilities and programs, including cardiovascular, weight conditioning, and aquatic activities.

Cultural Events

Students have access to a wide variety of opportunities for cultural enrichment.

**Concert and Lecture Series**

Distinguished speakers, lecturers, and artists appear several times each year. With few exceptions, there is no admission charge for these events.

**Dancy Lectures**

Launched in 1939, the Dancy Lecture Series brings a distinguished scholar of literature or the language arts to campus every two years. Scholars, critics, and writers who have served as Dancy lecturers include Joseph Campbell, Helen Vendler, Stephen Greenblatt, Houston Baker, Horton Foote, and Elaine Pagels.

**Exhibitions**

The Department of Art presents several professional and student exhibitions each semester, including regular showings of work by UM art faculty. Most professional exhibitions include a gallery talk or lecture by the artists.

**Concerts and Recitals**

The Department of Music presents a wide variety of recitals by faculty, students, and guest artists each semester. In addition, concerts are regularly presented featuring student choirs and instrumental ensembles.

**Farmer Lectures**

The Hallie Farmer lectures bring distinguished figures in the social sciences to Montevallo for two to three days of lectures and informal appearances. Guests have ranged from a former U.S. secretary of state to a Russian-American documentary filmmaker. The lecture series was established in 1985 in memory of Montevallo professor and civic leader Hallie Farmer.

**Martha Allen Lecture Series in the Visual Arts**

These annual lectures bring prominent artists, art historians, and critics to campus to deliver major public lectures and to meet directly with students and faculty.

**University Theatre**

Each year, the Department of Theatre presents a wide range of theatrical productions, including student-directed work, in three performance spaces. Auditions are open to any UM student.

**Vacca Lectures**

An eminent teacher-scholar in the liberal arts is invited periodically to Montevallo to teach a special undergraduate course and deliver public lectures as the Paschal P. Vacca Professor of Liberal Arts. The guest scholar also assists the faculty by reviewing the University’s curriculum and library holdings. Coming from a variety of backgrounds, Vacca professors contribute new perspectives to the learning experience at Montevallo.

**Community School of Music**

The Community School of Music (CSM) is located in Davis Hall. The CSM provides non-credit private and group lessons to all ages and levels of ability. Private lessons are available in piano, guitar, voice, organ, saxophone, violin, French horn, flute, trombone, trumpet, mandolin, bass guitar, clarinet, and percussion. Group lessons may be available in guitar, piano, and strings (violin, bass, and cello). A free Musicianship Class is available for children under the age of 15 during the Fall and Spring semesters.

Recitals are free of charge and open to the public each semester. To register, visit the University's website or call 665-6678. For more information, send e-mail to UMCSM@montevallo.edu.

Student Activities

Opportunities abound for students to explore their interests through participation in a variety of activities.

**Athletics**

Athletics are an integral part of the total University program, complementing the goals of general education. The intercollegiate athletic program makes its
contribution to individual development through competitive sports activities designed to improve individual fitness, develop neuromuscular skills, foster and maintain socially positive standards of conduct, and create desirable attitudes toward physical recreation, rest, and relaxation.

The ideal of the student-athlete is taken very seriously at Montevallo, where the coaching staff places a high priority on success in the classroom as well as in the game. As a result, Montevallo athletes exceed both state and national averages for academic success. Nine out of 10 intercollegiate athletes complete their eligibility having also earned a college degree.

The University is a member of the National Collegiate Athletic Association (NCAA), Division II. Men compete in baseball, basketball, cross country, golf, outdoor track and field, and soccer, while women compete in basketball, cross country, golf, outdoor track and field, soccer, softball, tennis, and volleyball. Women's lacrosse will begin its inaugural season in spring 2016. Additionally competitive cheerleading is set to begin during the 2015-2016 academic year.

Montevallo has an outstanding reputation for athletic excellence, with a long list of All-American athletes and frequent appearances in championship tournaments.

Students may request the University Athletic Program Equity in Athletics Disclosure by contacting the Director of Athletics.

Intramural Sports
The Student Life Office organizes intramural athletic events for men and women. Fall sports include ultimate frisbee, flag football, and basketball. Spring sports include volleyball, and softball.

Falcon Weekly
The University's live-to-tape weekly newscast is reported and produced by students in a fully equipped TV studio in the Mass Communication building. Students also live-stream athletic events and produce a variety of student-run programming for the campus.

Music Ensembles
Students may audition for any of several choral and instrumental ensembles. Performing groups include the Concert Choir, University Chorus, Chamber Choir, Wind Ensemble, Jazz Ensemble, and Chamber-Music Ensembles.

Publications
Montevallo's newspaper, magazine, and yearbook are all published by students under the direction of student editors. All three publications are distributed free to students, and students are encouraged to apply for staff positions as writers, photographers, artists, editors, or salespeople.

The Alabamian
The campus newspaper was first published in 1922 and is issued semimonthly during the academic year.

Montage
Students have published an annual yearbook since 1907. Now known as the Montage, it was the first yearbook in Alabama to be produced with desktop-publishing equipment.

The Tower
Creative works by students are published in The Tower, the campus arts magazine since 1932.

Religious Life
Religious life on campus is enhanced by the Montevallo Campus Ministry Association, an ecumenical consortium of ministers who act as chaplains for the residence halls, sponsor special events, and provide places where students can find religious fellowship.

Assembly of God, Baptist, Catholic, Episcopal, and Methodist churches are all located within three blocks of campus, along with a Roman Catholic chapel and Baptist and Presbyterian campus-ministry buildings. The Church of Christ, Church of God, Church of the Nazarene, and several other Baptist or independent churches are also active in Montevallo. Lutheran, The Church of Jesus Christ of Latter Day Saints, and other denominations are well-represented in the county. People of the Jewish and Muslim faiths meet at locations in Birmingham and Shelby County.

Student Government Association
Since 1916, the president and faculty have encouraged students to govern themselves in important areas of campus life. Every student is a voting member of the SGA, and meetings of the SGA Senate are open to students. Graduate students have representation in the SGA through one elected graduate senator who works with the SGA on programs of specific interest to graduate students. Each year the SGA updates The Fledgling (found on the University's website), a student handbook containing pertinent information regarding student life on campus.

Student Organizations
Students at Montevallo have many opportunities for group participation and leadership experiences. There are clubs and organizations of all kinds-academic, honorary, professional, religious, and special interest. Additionally, some 17 percent of Montevallo students choose to affiliate with one of 14 national fraternities or sororities active at UM. A complete list of active student organizations, fraternities, and sororities is available on the University's website.

Theatre Productions
Students are invited to participate as actors and technicians in plays and musicals regularly staged on campus. The University Theatre draws from many different authors, periods, countries, styles, and types of drama, from Shakespearean tragedy to contemporary farce to musicals. Student-directed productions enhance the annual cycle of productions.
**University Program Council (UPC)**

The purpose of the UPC is to arrange concerts, movies, recreation, and special entertainment events for students at Montevallo. Funded by the Student Government Association, the UPC is governed by students and is responsive to their needs for special programs.

**College Night**

College Night is known as the only Homecoming tradition of its kind in the nation. Selected as a "Local Legacy" for the Library of Congress's bicentennial celebration in 2000, College Night is a festival of comedy, drama, music and athletics that actually lasts four nights.

College Night leaders are elected in the spring, and recruiting of new "Purples" and "Golds" begins during the Fall Semester.

Each February, hundreds of alumni return to campus for this annual event, which has taken place each year since its beginning in 1919. Students and alumni enjoy contests culminating in a pair of rival theatre productions.

The College Night shows, staged by the Purple and Gold teams, are original from the ground up. Scripts, music, sets, and costumes are all created by students, and students direct, conduct, and perform the final product. The climax comes late on a Saturday night, when a panel of independent judges chooses a winner.

In the words of a former student, "Saturday night of College Night can be the most thrilling, totally unique evening of your life, or the most disappointing, almost agonizing experience imaginable. But after being involved in it in some way, the feeling remains that, win or lose, either way, it was worth it."
Consumer Information

The University of Montevallo provides the following information and policies about the University to current and prospective students, their families, current and prospective employees, and the general public. A brief description is listed below. A paper copy will be provided upon request. For assistance in obtaining information or obtaining a paper copy please contact Kris Mascetti, 205-665-6399, kmascetti@montevallo.edu, located in Ramsey Hall or Bob Walker, 205-665-6048, rwalker7@montevallo.edu, located in Palmer Hall.

The exact location of the information with more details can be found on the web at http://legacy.montevallo.edu/finaid/. Contact the individuals above if you need assistance or check the version on the web page for the latest information.

1. Student Financial Aid Information and the rights and responsibilities of students receiving student aid
   - Federal, state, local, private, and institutional student financial assistance available students
   - Need based and non-need-based Federal Student Aid
   - Terms and conditions of student loans
   - Criteria for selecting recipients and for determining award amount
   - Eligibility requirements and procedures and forms for applying for aid
   - Criteria for continued eligibility, standards to maintain eligibility, satisfactory academic progress, and criteria for re-establishing eligibility for financial assistance
   - The methods and frequency by which financial assistance disbursements will be made to the student
   - Enrollment in a program of study abroad approved for credit by the university may be considered enrollment in the home school for purposes of applying for Federal Student Aid. Check with the University Student Aid Office, 205-655-6048 or visit the office in Palmer Hall, for specific student aid options.
   - Student loan terms, repayment schedules, and repayment necessity
   - Conditions and terms of Federal Work Study student employees
   - Student Loan Exit Counseling information the school provides and collects

2. Institutional Information
   - Facilities and Services Available to Students with Disabilities
   - Cost of Attendance
   - Net Price Calculator Undergraduate Tuition and Fees
   - Graduate Tuition and Fees Cost of Attendance Budget Refund Policy
   - Requirements for Withdrawal
   - Return of Title IV Financial Aid
   - Educational Programs, Instructional Facilities, and Faculty
   - Transfer of Credits Policies and Articulation Agreements

3. Copyright Infringement Policies and Sanctions
   - Summary of Civil and Criminal Penalties for Violation of Federal Copyright Laws - Copyright infringement is the act of exercising, without permission or legal authority, one or more of the exclusive rights granted to the copyright owner under section 106 of the Copyright Act (Title 17 of the United States Code). These rights include the right to reproduce or distribute a copyrighted work. In the file-sharing context, downloading or uploading substantial parts of a copyrighted work without authority constitutes an infringement. Penalties for copyright infringement include civil and criminal penalties. In general, anyone found liable for civil copyright infringement may be ordered to pay either actual damages or “statutory” damages affixed at not less than $750 and not more than $30,000 per work infringed. For “willful” infringement, a court may award up to $150,000 per work infringed. A court can, in its discretion, also assess costs and attorneys’ fees. For details, see Title 17, United States Code, Sections 504, 505. Willful copyright infringement can also result in criminal penalties, including imprisonment of up to five years and fines of up to $250,000 per offense. For more information, please see the website of the U.S. Copyright Office.

4. Required disclosures to prospective and enrolled students to all schools where program is designed to be offered by another entity
   - Not Applicable – none offered

5. School and Program Accreditation, Approval, or Licensure
   - The University of Montevallo is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award Bachelor’s, Master’s and Educational Specialist 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 Montevallo.

- The Alabama Commission on Higher Education is the coordinating board for higher education for the State of Alabama. The Commission exercises no governing and limited regulatory authority over the University. The Commission may be contacted at P. O. Box 302000, Montgomery, AL, 36130-2000, 334-242-1998.

- Student Complaint Process – Students wishing to submit a complaint about the University of Montevallo should contact: Dr. Tammi Dahle, Dean of Students, University of Montevallo, Station 6020, Montevallo, AL 35115, dahlet@montevallo.edu, 205-665-6020.


Student Aid eligibility might be suspended if a student is convicted of a drug offense while receiving Federal Student Aid (grants, loans, or work-study). When a student completes the FAFSA, he or she will be asked whether they had a drug conviction for an offense that occurred while they were receiving federal student aid. If the answer is yes, the student will be provided a worksheet to help them determine whether the conviction affects their eligibility for federal student aid. If eligibility for federal student aid has been suspended due to a drug conviction, it can be regained by successfully completing an approved drug rehabilitation program or by passing two unannounced drug tests administered by an approved drug rehabilitation program. Students who regain eligibility during the award year, should notify their financial aid office immediately so they can get any aid they’re eligible for.

If convicted of a drug-related offense after submitting the FAFSA, you might lose eligibility for federal student aid, and you might be liable for returning any financial aid you received during a period of ineligibility. For more information see the Federal Student Aid Website.

7. Vaccination Policy

8. Consumer Information on College Navigator Website

The above website provides University information published by the U. S. Department of Education as well as the University website link. The following information can be found on the University website:

- Student activities offered by the school
- Services offered by the school for individuals with disabilities
- Career and placement services offered to students during and after enrollment
- Policies of the school related to transfer of credit from other schools

9. Student Body Diversity

10. Net Price Calculator

11. Textbook Information (Internet Course Schedule). Textbook cost and information can be found at the Barnes and Noble Website. Disbursement of Federal Student Aid funds to students for books and supplies. If a student’s aid is greater than their charges, there will be an estimated credit balance. Students with an estimated credit balance will be eligible to purchase books and supplies at the campus bookstore shortly before classes start each semester. The amount allowed will be capped at the amount of the estimated credit balance, not to exceed $1,000.

Students wanting to receive a credit balance to purchase books and supplies from another source should contact the Cashier’s Office at:

Station 6065
Montevallo, AL 35115
Phone: (205) 665-6065
Fax: (205) 665-6078
Email: cashier@montevallo.edu

12. Teacher Preparation Programs for Initial Certification or Licensure – Contact the College of Education at 205-665-6360

13. Voter Registration – you may register to vote in the courthouse of your home county or obtain a voter registration form and information at the Student Life Office in Farmer Hall, Top Floor, and Disability Support Services office in Main Hall, Rear, and Lower Level or at the web site below.

14. Constitution Day – The University of Montevallo holds an annual Constitution Day commemoration for students and anyone else on, or near September 17.

15. Drug and Alcohol Abuse Prevention Program - The unlawful possession, use, or distribution of illicit drugs and alcohol by students and employees on the school’s property or as a part of any of the school’s activities is strictly prohibited and the University will impose sanctions for violations. For more information regarding school, Federal, state, and local sanctions, descriptions of health risks, and available counseling, treatment, rehabilitation, or re-entry programs on the UM Web site.
26. Federal Student Loan Information – The University may offer you Federal loans as part of your school’s financial aid offer. A loan is money you borrow and must pay back with interest. For more information on student loans visit the student aid office or check the studentloans.gov web site.

27. Sharing of student and/or parent loan information with the National Student Loan Data System (NSLDS) - Personal and student loan information of potential students, students, and/or parent borrowers will be submitted to the NSLDS by the University and will be accessible by guaranty agencies, lenders, and schools determined to be authorized users of the system. Students or parents may check their personal student loan information at the NSLDS Web site.

28. Entrance Counseling for Student Loan Borrowers – First time borrowers of a Federal Direct Student Loan must complete Entrance Counseling to receive comprehensive information on the terms and conditions of the loan and the borrower’s responsibilities. This must be completed on the studentloans.gov web site.

29. Exit Counseling for Student Loan Borrowers – The University provides student borrowers who graduate, leave, or drop below half-time enrollment instructions to receive invaluable student loan repayment information. Student borrowers must complete this counseling on the studentloans.gov web site.

30. Private Education Loan Disclosures – Private Loans are not Federal Student or Parent Plus Loans. We encourage borrowers to complete the FAFSA and apply for Federal Student Aid. Borrowers may qualify for Federal Student Loans (and possibly grants or work programs) that may be more favorable than the provisions of private education loans. We will be happy to discuss the availability of federal, state, and institutional student financial aid and help you apply.

The University participates in no private education lender preferred arrangements and recommends no private lenders.

31. Private Education Loan Self Certification Form – Students may request this form by visiting the student aid office in Palmer Hall or by calling 205-665-6050 or emailing finaid@montevallo.edu.

32. Code of Conduct – The University of Montevallo Student Aid Code of Conduct may be found on the UM web page.

33. Private Education Loans and Preferred Lender Arrangements – The University has no preferred lender list and recommends no particular private lender.
Undergraduate Study

The following pages contain information specific to Undergraduate Study at the University of Montevallo. For specific information about Graduate Study at UM, turn to page 158.
Admission and Financial Information

Greg Embry
Executive Director of Enrollment Management
Palmer Hall, Station 6030
telephone: (205) 665-6030
fax: (205) 665-6032
e-mail: embryg@montevallo.edu

Admission

Applications for undergraduate admission are available online or in hard-copy format and may be accessed by visiting the Admissions web page or by contacting the Office of Admissions at the following:

Phone:
(205) 665-6030

Toll-free:
1-800-292-4349

e-mail:
admissions@montevallo.edu

Address:
Office of Admissions
Palmer Hall, Station 6030
University of Montevallo
Montevallo, AL 35115-6000

Application Process

Freshman applications should be submitted after completion of the junior year in high school. Transfer students should apply as soon as an interest in Montevallo is developed. A $30 non-refundable fee must be submitted with the application. In addition, applicants must make arrangements for the appropriate credentials (test scores, transcripts, and other relevant information) to be forwarded to the Office of Admissions. Early admission ensures preferred housing assignments and consideration for most University scholarships.

Montevallo welcomes applications from those whose experience, interests, and academic preparation indicate chances for success in the University curriculum. The Office of Admissions reviews all undergraduate applications using a rolling decision format, with students receiving notice of the decision soon after the file is complete.

Freshman Admission

A high school graduate seeking to enter the University as a freshman should provide the following records:

1. High school transcript

A high school graduate seeking to enter the University as a freshman must provide an official secondary school transcript and an official ACT or SAT score report. The transcript must indicate a minimum cumulative 2.5 grade-point average and successful completion of a minimum of 16 academic or college-preparatory credits from 9th through 12th grades. The 16 academic units are as follows:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>Four units</td>
</tr>
<tr>
<td>mathematics</td>
<td>Two units from among the following: algebra I, geometry, algebra II, trigonometry, advanced mathematics, math analysis, calculus</td>
</tr>
<tr>
<td>science</td>
<td>Two units from among the following: physical science, biology, chemistry, geology, physics</td>
</tr>
<tr>
<td>social studies</td>
<td>Four units from among the following: geography, history, psychology, sociology, government, economics</td>
</tr>
<tr>
<td>electives</td>
<td>Four or more units from foreign languages or any subjects listed above, which exceed minimum requirements</td>
</tr>
</tbody>
</table>

Non-Graduates of High School. Admission may be granted to non-graduates of high school who are at least 18 years of age and have been out of high school for a minimum of one year. Applicants must score at least 500 on the General Educational Development (GED) Test and submit acceptable ACT or SAT scores as outlined in the test-score report section that follows.

2. Test-score report

Freshman applicants who meet the 2.5 cumulative GPA requirement and have a minimum composite ACT score of 20 (950 on SAT critical reading and mathematics) are typically offered admission. Applicants earning an ACT composite score of 18 or 19 (870 and higher on SAT critical reading and mathematics) are considered for regular admission on the basis of a scale of increasing grade point average. The writing portion of either the ACT or SAT is not required. For more information, contact one or both testing services:
For the ACT:
ACT East Region Office
Phone: (404) 231-1952
www.act.org
Montevallo’s test code: 001004

For the SAT:
College Board
Southern Regional Office
Phone: (866) 392-4088
www.collegeboard.com
Montevallo’s test code: 001004

Medical Report
Upon admission to the University, entering students must submit the Student’s Medical History form, which is mailed with the acceptance packet. Thereafter, students are expected to notify the University of any change in health status that represents a potential risk to others. Students who may need disability-related accommodations may contact Disability Support Services.

Home-Schooled Students
The University of Montevallo welcomes home-schooled students and recognizes the unique academic experiences these students bring to Montevallo’s academic environment. The University has a growing community of home-schooled students who thrive in the UM environment.

Home schooled high-school students are reviewed for admission and for academic scholarships following the same criteria utilized for students who attend public and private high schools. The official high-school transcript should contain the titles of courses in each subject area beginning with grade nine, course grades, overall GPA on a 4.0 scale, course grading scale, and the signature and contact information of the school administrator. The teaching credentials of the home-school teacher should be included if possible. The official transcript will be reviewed along with the student’s standardized test score (ACT or SAT).

Early Enrollment for Freshmen
Exceedingly able and mature students may apply for admission and enroll in University courses in lieu of completing their senior year of high school. Minimum requirements include:

- completion of the junior year (11th grade) in high school with a GPA of at least 3.5 on a 4.0 scale;
- achievement of an ACT composite score or SAT score in at least the 90th percentile of the range for entering freshmen at the University;
- recommendations from school officials and other persons designated by the director of admissions; and
- a personal interview.

Students submitting an application under this provision should register for either the ACT or the SAT in the spring of the junior year and should contact the director of admissions before completion of the junior year.

Advanced Placement Program, CLEP, IB, and AICE Program
Credit for Freshmen
The University grants credit and/or advanced standing based on the Subject Examinations of the College Level Examination Program (CLEP), subjects completed under the Advanced Placement Program (AP) of the College Entrance Examination Board, subjects completed through the International Baccalaureate (IB) Diploma Program, and subjects completed under the Cambridge Advanced International Certificate of Education (AICE). UM will award general core credit through AICE, IB, and AP examinations. Credit will be reviewed upon acceptance to the University and for purposes of admission into the UM Honors Program. Credit will be reviewed and determined by the University registrar and the appropriate department chair after the completion of the fall semester of the student’s senior year of high school. Official scores must be received directly from the College Board, International Baccalaureate, and/or Cambridge International Examinations in order for credit to be reviewed and awarded. Inquiries should be directed to the Office of Admissions.

Non-Academic Credit
The University of Montevallo does not award academic credit for non-academic pursuits such as continuing education courses, “life experience,” or any other course work taken on a non-credit basis.

International Students
The University welcomes qualified freshmen or transfer students from other countries. The following credentials are needed in order that the University may conduct a review for admission:

- A completed application for admission with the required application fee;
- For non-native English speakers, a score report of either the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) is required. The University requires a score of 525 or better on the written TOEFL, a score of more than 193 on the computer-based exam, or a score of at least 71 on the Internet-based TOEFL. On the IELTS, the University requires minimum overall score of 6.0, with a minimum score of 5.0 on any individual section on the academic module;
- A complete transcript of all secondary-school study, translated into English if necessary;
- An affidavit of financial support, indicating that sufficient funds are available to the student to pay the cost of attendance; and
• A complete medical report by a physician, on a form provided by the University.

Students may find more information regarding the TOEFL at www.toefl.org.

Students may find more information regarding the IELTS at www.ielts.org.

Note: After admission to the University, students are expected to notify the University of any change in health status that represents a potential risk to others. Students who may need disability-related accommodations may contact Disability Support Services.

Although federal immigration laws do not permit part-time employment for international students except in special instances, prospective students who meet the requirements previously listed are encouraged to contact the University for information regarding financial aid options.

Transfer Students

Students who seek to transfer to the University after attending another accredited college or university must satisfy all requirements for transfer admission, as follows:

• A minimum of a cumulative C average on all college-level study attempted must have been attained. This is a cumulative GPA of 2.0 or better based on a 4.0 scale. Quality points from study previously attempted at Montevallo are not included in a transfer application review.

• A transfer applicant must be a student in good standing. Neither probation nor suspension can be in effect at the previous or current college or university attended.

• Transcripts of all previous study attempted must be submitted and evaluated before an application review can be conducted. It is the responsibility of the student to arrange for transcripts to be mailed to the University. All academic records must be received at least seven working days prior to the intended date of enrollment.

• Collegiate work from post-secondary institutions not accredited nor in candidacy status for accreditation by a regional accrediting association is not transferable to the University of Montevallo.

• Students who have completed less than 24 semester hours (or 36 quarter hours) of college-level study must also submit a secondary-school transcript and either an ACT or SAT score report and must satisfy all requirements for freshman admission.

• A maximum of 64 semester hours (or 96 quarter hours) may be transferred for credit from either a community or junior college.

Medical Report

Upon admission to the University, entering transfer students must submit the Student’s Medical History form, which is mailed with the acceptance packet. Thereafter, students are expected to notify the University of any change in health status that represents a potential risk to others. Students who may need disability-related accommodations may contact Disability Support Services.

Two-Year Colleges in Alabama

The University maintains a parallel transfer agreement with two-year colleges in Alabama that hold regional liberal-arts transfer accreditation. A student who earns an Associate of Arts (A.A.) degree at a qualified institution will be admitted to Montevallo and credited with a maximum of 64 semester hours (or 96 quarter hours) of study. This agreement does not guarantee admission to a particular degree program.

Students transferring from accredited Alabama two-year colleges may complete the University of Montevallo general education requirements by completing courses outlined in the Alabama Articulation and General Studies Committee (AGSC) Transfer Guide. The University transfer website assists transfer students with course selection by listing the most-appropriate sequence of courses for each major. For further information regarding transfer guides, contact the Office of Admissions.

Special-Category Admission

High school admission

College preparatory students who have completed the junior year (11th grade) in high school and have attained a cumulative 3.0 or better GPA may, with permission from the appropriate school official, enroll for one credit course (a maximum of 4 semester hours) during the Summer Session following the junior year or during the Fall Semester and/or Spring Semester of the senior year (12th grade). Students planning continued enrollment as freshmen after graduation must submit an application, school transcript, ACT or SAT score report, and meet unconditional admission requirements.

College Ahead

College Ahead is a dual-enrollment partnership between the University of Montevallo and the Shelby County School System. High school seniors and juniors may participate with the approval of their principals. Students are also encouraged to enroll in summer courses taught on the UM campus. Details of the College Ahead program may be found on the University’s
website or by calling the Associate Director of Admissions at 665-6029.

**Temporary Admission**

Temporary student admission is a non-degree category. Students who have graduated from high school two or more years prior to the intended date of enrollment may register for courses on either a credit or an audit (space available) basis.

**Transient Admission**

A student in good standing at an accredited college or university may be admitted on a transient (visiting) basis. To be considered, an application must be submitted with a letter of good academic standing from the current or previous college or university. Transient admission may be approved for either a semester or a Summer Session.

**Readmission to the University**

Students who have been absent one semester (Fall or Spring) or more must apply for readmission, and those who have not been in attendance for four or more years must meet the requirements of the University Bulletin in effect at the time of readmission.

**Academic Clemency**

Academic Clemency is designed for former undergraduate students at UM whose GPAs during previous enrollments make it impossible or highly unlikely for them to ever graduate. A former student may apply for Academic Clemency to the Dean of the college in which he or she intends to pursue a major if he or she has not been enrolled at any academic institution for at least 36 months and has not previously been granted Academic Clemency at UM. For more information, please refer to the Academic Clemency Policy located in Academic Programs and Policies.

**Financial Information**

- **Cashier’s Office**
  - Palmer Hall, Station 6065
  - Phone: (205) 665-6065

**Classifications**

**Full-time or part-time**

A semester schedule of 12 credit hours or more is full-time. A semester schedule of 11 credit hours or fewer is part-time.

**Alabama residency for tuition purposes**

For the purpose of determining tuition, applicants are classified as in-state (Alabama) or out-of-state (non-Alabama) students. Information concerning residency reclassification can be located on the University's website.

The following individuals, in addition to students who qualify according to the University’s Residency Guidelines as listed on the University’s website, shall be charged the in-state/in-district rate, or otherwise considered a resident, for tuition purposes:

- A Veteran using educational assistance under either chapter 30 (Montgomery G.I. Bill - Active Duty Program) or chapter 33 (Post 9/11 G.I. Bill), of title 38, United States Code, who lives in the State of Alabama while attending a school located in the State of Alabama (regardless of his/her formal State of residence) and enrolls in the school within three years of discharge from a period of active duty service of 90 days or more.
- Anyone using transferred Post - 9/11 G.I. Bill benefits (38 U.S.C. § 3319) who lives in the State of Alabama while attending a school located in the State of Alabama (regardless of his/her formal State of residence) and enrolls in the school within three years of the transferor's discharge from a period of active duty service of 90 days or more.
- A spouse or child using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311 (b) (9)) who lives in the State of Alabama while attending a school located in the State of Alabama (regardless of his/her formal State of residence) and enrolls in the school within three years of the Service member's death in the line of duty following a period of active duty service of 90 days or more.
- Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the same school. The person so described must have enrolled in the school prior to the expiration of the three-year period following discharge or death described above and must be using educational benefits under either chapter 30 or chapter 33, of title 38, United States Code.

**Rate Schedule**

To view the current rate schedule and fees for undergraduate study at the University of Montevallo, visit the University’s website.

**Other Fees**

**Application for admission**

A fee of $30 must be attached or enclosed with the application for admission. The check or money order is to be made out to the University of Montevallo, payable in U.S. funds. If the application is completed on the web, the fee can be paid on-line using a credit/debit card.

**Audit payment**

The audit fee is $25 per credit hour. Audit fees are waived for persons 65 years of age and older. Audit registration is in the Registrar's Office, on or after the first day of class, even when the fee is waived.
Continuing Education

Charges for non-credit Continuing Education courses are not considered as tuition. Information on payment will be provided upon registration for any Continuing Education activity.

Foreign checks fee

A $15 fee will be charged for processing checks drawn on foreign banks.

Housing fees

Both undergraduate and graduate students in residence halls pay an amount that includes Internet, utilities, a 24-hour movie channel, and basic cable television. Fees for private rooms are additional. Private-room reservations cannot be guaranteed until 5 p.m. on the first day of classes. The private-room fee will be refunded, or a credit will be given, if the resident does not receive a private room.

When it is necessary for a student enrolled in an internship or other similar experience to live away from campus, adjustments are made in charges for room and board.

Students who withdraw from housing prior to the first day of class will receive a total refund of the housing portion of any preregistration payment received for the term.

ID cards

Any student who enrolls at Montevallo is required to have a student identification card. Students are provided with information as to the time and place to be photographed for original and replacement cards. The original identification card is provided at no cost. Replacement for lost or damaged cards cost $10 each. If a student is not enrolled in classes, the ID card will cease to function.

Returned checks

If a check received by the University fails to clear the bank, the person who presented the check to the University will be charged $35. If the returned check was presented on behalf of a student, the student's account will reflect all charges and fees. Thereafter, should an individual have checks that fail to clear the bank, the University reserves the right to not accept personal checks and may require cash payments.

Room deposit

A $100 room deposit must be submitted at the time of application for on-campus housing. The deposit, less any debts or costs for damages to the room, will be refunded in accordance with the following stipulations.

At the conclusion of the final semester or summer term in the residence hall, the student must complete a room deposit refund request and submit it to a hall staff member upon checkout. Students may cancel a room reservation and receive a full refund, provided that the cancellation is submitted in writing, by July 15 for Fall Semester, December 1 for Spring Semester, or May 5 for Summer Session, to the Office of Housing and Residence Life (West Main Hall, Station 6235). Students who cancel their reservations in writing after these dates and before the opening date for the residence halls receive a 50 percent refund. Students who cancel a room reservation or withdraw from the University after the opening date for the residence halls forfeit the deposit. Any exception requires approval by the Director of Housing and Residence Life.

A student who is denied admission to the University shall be eligible to receive a full refund of the room deposit. Room deposits not claimed within one year after a student leaves the residence halls shall revert to the University.

Vehicle registration

All students, staff, and faculty who operate a motor vehicle on the University campus must register each year, secure a permit, and display it as directed. Student registration of a vehicle costs $35 each year. Failure to comply with guidelines may result in penalty to the vehicle operator.

Payment of Tuition and Fees

Payment of tuition, fees, and other charges is due in advance or by 5 p.m. on the first day of classes. Payment for preregistration is due as announced during the preregistration period. Refer to the University Calendar in this Bulletin.

The University accepts cash, personal checks, and most credit cards (VISA®, MasterCard®, Discover®, American Express®) for payments. Payment can also be made by accessing the student account on the web.

Partial Payment Plan

For tuition, fees, room and board, the University of Montevallo offers a payment plan option administered by Nelnet Business Solutions. The payment plan option, available to all students during the Fall and Spring semesters, is a convenient alternative to lump-sum payments. It features monthly payments, no interest charges, low-cost enrollment ($40 non-refundable fee per semester), and automatic payments on scheduled dates after enrollment. Please consult the Cashier's website through the University of Montevallo's website for more detailed information.

Preregistration

During each enrollment period, students may preregister for subsequent study if the current term is paid in full. Payment must be received on or before the announced preregistration deadline dates in order to complete registration and confirm the course schedule. Students who do not comply with payment due dates will be charged a $50 late payment fee. If payment is not received by the end of the first week of class, the student's schedule will be dropped. Students withdrawing prior to the first day of class will receive a total refund of any preregistration payment made for the term.
Adjustments

Course Drops
A student who drops a course will be reimbursed at the rate of 100 percent through the last day on which classes may be added. No adjustment will be made for a class dropped after the last day on which classes may be added. No adjustment will be made when a class is changed from credit to audit.

Official Withdrawal
A student who officially withdraws from enrollment at the University will have a tuition adjustment as follows:

Fall and Spring Semesters
Tuition credit
Through the second day 100%
Through the second week 90%
Through the fourth week 50%
Through the eighth week 25%
Ninth and subsequent weeks 0%

Room and board credit
Room and board will be adjusted on a pro rata basis in units of one week. A partial week will be counted as one full week.

May Term
Tuition credit
First day 100%
Through the second day 75%
Through the third day 50%
Through the fourth day 25%
Fifth and subsequent days 0%

Full Summer Term (May, Summer I & II)
Tuition credit
Through the second day 100%
Through the second week 75%
Through the third week 50%
Through the fourth week 25%
Fifth and subsequent weeks 0%

Summer I & Summer II
Tuition credit
First day 100%
Through the third day 75%
Through the fourth day 50%
Through the fifth day 25%
Sixth and subsequent days 0%

Combined Summer Term (Summer I & II)
Tuition credit
First day 100%
Through the fourth day 75%
Through the tenth day 50%
Through the twelfth day 25%
Thirteenth and subsequent days 0%

Room and board credit
Room and board is charged separately for May Term, Summer I, and Summer II and will be adjusted for withdrawing on the appropriate pro rata basis in units of one week in relation to the term. A partial week will be counted as one full week.

Students receiving Title IV aid are strongly urged to contact the Office of Student Financial Services prior to making a decision to withdraw. The student may be obligated to repay some portion of the aid to the Department of Education, as well as some portion of their student account, and may become ineligible for further Title IV assistance.

Refunds for Drop or Official Withdrawal
The University and federal financial aid funding agencies receive prorated shares of the refund, according to the Federal Refund and Repayment Policy. If a credit balance remains after the financial aid programs have been repaid, this amount is refunded to the student at the campus address (for course withdrawal or drop) or at the permanent address (for semester withdrawal). Students may elect to sign up for Direct Deposit.

Financial Aid
Bob Walker, Director of Student Aid
Palmer Hall, Station 6050
Phone: (205) 665-6048
Fax: (205) 665-6047
e-mail: rwalker7@montevallo.edu

Communication with Students
The primary communication with students is through forUM e-mail and Banner Self Service. Students are urged to check forUM e-mail and Self Service weekly to monitor requests for additional documentation, notice of awards, and other vital information. Students accept/decline aid offers on Self Service.

Basic Information
Students and prospective students are encouraged to visit the University’s website to obtain comprehensive information concerning application procedures, priority dates, available federal aid programs, and a list of scholarships. Self Service provides detailed information specific to an individual student.

To apply for financial aid, a student must submit the Free Application for Federal Student Aid (FAFSA), beginning on October 1, 2016 for the 2017-18 academic year. Students are encouraged to file electronically at www.fafsa.gov. In order to be considered for federal student aid, students must be unconditionally admitted into a degree seeking program.

Enrollment Status
Unless otherwise stated, all aid is based on enrollment as a full-time student, which is defined as a minimum of 12 credit hours per semester for under-
graduate and a minimum of 9 credit hours per semester for graduate students. To receive federal loans, students must be enrolled at least half time. Half time for undergraduates is a minimum of six (6) credit hours, and half time for graduate students is a minimum of five (5) credit hours. If a student drops below full-time, certain types of aid may be cancelled or reduced. A student should notify the Office of Student Financial Services if he/she does not enroll as a full-time student.

**Satisfactory Academic Progress**

**Satisfactory Academic Progress (SAP) Policy for Students to Receive Federal Student Aid:**

Federal regulations require a student receiving Federal Student Aid to maintain satisfactory academic progress (SAP) towards a degree. Eligibility is determined based on the student’s Qualitative measure (grade point average), Quantitative measure (pace of progress towards the degree), and the Maximum Timeframe (the total number of credit hours attempted). If the student does not meet all three of the SAP requirements, the student may no longer be eligible for Federal Student Aid.

1. **Qualitative Measure (Grade Point Average GPA):**

   Eligibility will be determined based on the student’s overall GPA hours (transfer and University of Montevallo) and the student’s University of Montevallo (UM) cumulative GPA.

   If a Student’s Overall GPA Hours is:  
   
   Minimum Cumulative UM GPA Required
   
   0-29  
   30-59  
   60-89  
   90+  
   
   GPA hours are credit hours for which a standard letter grade is received (A, B, C, D, and F).

   **For example**, a student has attempted 30 credit hours during his entire college career, 15 credit hours earned with a GPA of 2.00 from another college and 15 credit hours earned from UM with a 1.50 GPA for a total of 30 Overall GPA Hours. His overall GPA is 1.75.

   The student is not meeting this measure since his cumulative UM GPA is 1.50 which is less than the minimum cumulative 1.70 UM GPA a student must earn based on 30 overall GPA hours.

2. **Quantitative Measure (Pace of Progress towards a degree or percentage of hours earned):**

   Students must earn a minimum of 67 percent of all credit hours attempted, including transfer hours placed on the UM transcript and for UM classes for which the student received grades of W, I, IP, NC, and P. Earned hours include credit hours for which the student receives a passing grade (A, B, C, D, or P). This percentage may be rounded up to 67 percent from 66.66 percent.

   **For example**, a student has attempted a total of 24 credit hours during her entire college career and passed 16 credit hours. The student passed 66.67% of credit hours attempted (16 divided by 24) which is less than the 67% required. However, the student is meeting this measure since the 66.66% may be rounded up to 67%.

3. **Maximum Timeframe (Total hours a student may attempt and receive Federal Student Aid):**

   Students may not receive Federal Student Aid which includes Federal Direct or Parent Plus loans after attempting 150% of the hours required for completion of the degree. This includes transfer hours placed on the UM transcript and for UM classes for which the student received grades of W, I, IP, NC, P, S, and U.

   **For example**, a student must earn 120 credit hours to be eligible for a degree. Once a student attempts 180 credit hours (120 hours required for the degree X 1.50 = 180 credit hours) the student is no longer eligible for Federal Student Aid.

   **Incomplete grade** - Grades of I and IP are included in hours attempted but not in GPA hours or GPA calculation until the student completes the course. If the student does not complete the course in the allotted time for which he or she received an I grade, the grade automatically becomes an F.

   **Withdrawals** - Grades of W are included in hours attempted but not in GPA hours or GPA calculation.

   **Repeat Courses** - The credit hours for every occurrence of a repeat course are included in hours attempted and GPA hours. The credit hours for only one occurrence of a repeated, previously passed course are included in earned hours.

   **Transfer Hours** - All credit hours from other schools that are placed on the UM transcript will be included in hours attempted and credit hours from other schools for which a student received a standard letter grade of (A, B, C, D, and F) will be included in overall GPA Hours. The credit hours for passed courses (and only one occurrence of a repeated, previously passed course) are included in overall earned hours.

   **Remedial Courses** - Any remedial courses will be treated the same as regular courses.

   **Frequency of check** - A student’s SAP will be checked at the end of each semester. Transfer students’ SAP will be checked after admission. If a student’s transcript from another college is received after the semester begins, any transfer hours will be included in the next SAP check.

   **Warning Status** - A student not meeting the Quantitative or Qualitative SAP measures will be assigned a SAP status of Warning for the next semester, meaning the student will be able to receive Federal Student Aid.
one more semester. If the student is not meeting SAP standards at the end of the next semester the student will not be able to receive Federal Student Aid. 

**Regaining Eligibility** – Students who lose eligibility for Federal Student Aid by not meeting SAP measures may regain eligibility by getting back in compliance with the SAP measures explained above. Sitting out of college will not help a student regain Federal Student Aid eligibility.

**Probation Status** – A student not meeting the SAP standards and has had an appeal for financial aid suspension approved will be assigned a SAP status of Probation. The student must be meeting the SAP standards at the end of the next semester or meeting the requirements of an academic plan, as determined by the Student Aid Office, to be eligible for Federal Student Aid for the subsequent semester.

**Appeal Process** - A student who does not meet the requirements for SAP may choose to appeal to the Office of Student Aid for an exception on the grounds that a special or extenuating circumstance contributed to his or her failure to meet standards and what has changed that will allow the student to make SAP at the next semester. Such appeals must be submitted on the Satisfactory Academic Progress Appeal Form that is available in the Office of Student Aid. The appeal should contain documentation, if available, to support the claim of extenuating circumstances. In addition, if the student can’t regain SAP eligibility at the end of the next semester the student is required to provide an academic plan from the student’s dean or adviser. Changes to an academic plan may also be appealed by the student by submitting the appeal form following the same appeal procedures.

Decisions made by the Office of Student Aid relative to appeals, as well as changes in SAP status to Warning or Failure will be sent to the student through the student’s forUM e-mail or the student may check the status on the Banner student portal forUM.

**Second Bachelor’s Degree** – SAP for students pursuing a second Bachelor’s degree will be determined using the same requirements of this policy. In addition, students academically suspended are not considered to be meeting SAP requirements and are not eligible for Federal Student Aid. Students admitted as a regular student in a graduate degree program will be given one year to complete any undergraduate pre-requisite courses.

**Consequences of Withdrawal**

Prior to withdrawing or otherwise ceasing to attend classes, students should contact the Student Aid Office to determine the potential impact of the withdrawal. To officially withdraw, students must contact the Registrar’s Office.

**Treatment of Federal Student Aid When a Student Withdraws**

The law specifies how your school must determine the amount of Title IV program assistance that you earn if you withdraw from school. The Title IV programs that are covered by this law are: Federal Pell Grants, Iraq and Afghanistan Service Grants, TEACH Grants, Direct Loans, Direct PLUS Loans, Federal Supplemental Educational Opportunity Grants (FSEOGs), and Federal Perkins Loans. Though your aid is posted to your account at the start of each period, you earn the funds as you complete the period.

If you withdraw during your payment period or period of enrollment (your school can define these for you and tell you which one applies to you), the amount of Title IV program assistance that you have earned up to that point is determined by a specific formula. If you received (or your school or parent received on your behalf) less assistance than the amount that you earned, you may be able to receive those additional funds. If you received more assistance than you earned, the excess funds must be returned by the school and/or you. The amount of assistance that you have earned is determined on a pro rata basis. For example, if you completed 30% of your payment period or period of enrollment, you earn 30% of the assistance you were originally scheduled to receive. Once you have completed more than 60% of the payment period or period of enrollment, you earn all the assistance that you were scheduled to receive for that period.

If you did not receive all of the funds that you earned, you may be due a post-withdrawal disbursement. If your post-withdrawal disbursement includes loan funds, your school must get your permission before it can disburse them. You may choose to decline some or all of the loan funds so that you don’t incur additional debt. Your school may automatically use all or a portion of your post-withdrawal disbursement of grant funds for tuition, fees, and room and board charges (as contracted with the school). The school needs your permission to use the post-withdrawal grant disbursement for all other school charges. If you
do not give your permission (some schools ask for this when you enroll), you will be offered the funds. However, it may be in your best interest to allow the school to keep the funds to reduce your debt at the school. There are some Title IV funds that you were scheduled to receive that cannot be disbursed to you once you withdraw because of other eligibility requirements. For example, if you are a first-time, first-year undergraduate student and you have not completed the first 30 days of your program before you withdraw, you will not receive any Direct Loan funds that you would have received had you remained enrolled past the 30th day.

If you receive (or your school or parent receive on your behalf) excess Title IV program funds that must be returned, your school must return a portion of the excess equal to the lesser of:
1. Your institutional charges multiplied by the unearned percentage of your funds, or
2. The entire amount of excess funds.

The school must return this amount even if it didn’t keep this amount of your Title IV program funds.

If your school is not required to return all of the excess funds, you must return the remaining amount.

Any loan funds that you must return, you (or your parent for a Direct PLUS Loan) repay in accordance with the terms of the promissory note. That is, you make scheduled payments to the holder of the loan over a period of time.

Any amount of unearned grant funds that you must return is called an overpayment. The maximum amount of a grant overpayment that you must repay is half of the grant funds you received or were scheduled to receive. You do not have to repay a grant overpayment if the original amount of the overpayment is $50 or less. You must make arrangements with your school or the Department of Education to return the unearned grant funds.

The requirements for Title IV program funds when you withdraw are separate from any refund policy that your school may have. Therefore, you may still owe funds to the school to cover unpaid institutional charges. Your school may also charge you for any Title IV program funds that the school was required to return. If you don’t already know your school’s refund policy, you should ask your school for a copy. Your school can also provide you with the requirements and procedures for officially withdrawing from school.

If you have questions about your Title IV program funds, you can call the Federal Student Aid Information Center at 1-800-4-FEDAI D (1-800-433-3243). TTY users may call 1-800-730-8913. Information is also available on Student Aid on the Web at www.studentaid.ed.gov.

**Part-Time Employment**

Federal Work Study may be awarded to eligible students who file the FAFSA. Funds are limited. This provides students with an opportunity to earn wages while working on campus. For a listing of job opportunities, contact the Career Development Center. For more details regarding Federal Work Study, visit the University’s website. Some jobs may be paid through individual departments. Those positions are classified as “jobship” rather than federal work study.

**Scholarships**

The University offers numerous scholarships likely to be of interest to high-achieving incoming first-year students. There are also scholarships specifically designated for high-achieving transfer students. Information on scholarship opportunities can be found on the University’s website.

**Loans**

The University's website contains detailed information regarding loans.

The Ford Federal Direct Loan is awarded to eligible students who file the FAFSA. Additional information is available on the University's website.

Details such as the rights and responsibilities and terms of repayment for the Federal Direct Loan will be provided when the student signs the promissory note and completes entrance counseling. PLUS loans are also available for parents of dependent students.

**Grants**

**Federal Pell Grants**

Pell Grants are awarded based on need as determined by the FAFSA. Apply by completing the FAFSA.

**Federal Supplemental Education Opportunity Grants**

Awards for FSEOG are based on need and generally awarded to students receiving the full Pell Grants. File the FAFSA to be considered. Funds are limited.

**Alabama Student Assistance Program**

Awards are based on need and generally awarded to students receiving the full Pell Grants. File the FAFSA to be considered. Funds are limited.
Veterans' Benefits
Amanda Fox, Coordinator of Veterans Affairs
Palmer Hall, Station
6035 telephone: (205)
665-6035 fax: (205) 665-
6042
e-mail: foxat@montevallo.edu

Department of Veterans Affairs
Education Benefits
VA website: www.gibill.va.gov
National Call Center for Veterans' Education
Benefits: 1-888-GIBILL-1 (1-888-442-4551)

Veterans Educational Assistance Programs
- Montgomery GI Bill-Active Duty Educational Assistance Program (Chapter 30)
- Montgomery GI Bill-Selected Reserve (Chapter 1606) Post 9/11 GI Bill (Chapter 33: Yellow Ribbon)
- Reserve Educational Assistance Program-REAP (Chapter 1607)
- Veterans Educational Assistance Program-VEAP (Chapter 32)
- Survivors' and Dependents' Educational Assistance Program (Chapter 35)
- Vocational Rehabilitation (Chapter 31)
- The Alabama G.I. and Dependents Education Benefit Act

Students interested in the Alabama G.I. and Dependents Education Benefit program should contact their county Veterans Affairs Office or the Student Financial Services Office at the University.

All degree programs at the University of Montevallo are currently approved by the State Approving Agency. The Coordinator of Veterans Affairs serves as a liaison for veterans and their dependents, assisting in obtaining benefits from the Federal Department of Veterans Affairs. This service is located in the Registrar's Office on the second floor of Palmer Hall.

The Federal Department of Veterans' Affairs determines eligibility and maintains veteran records. Students must be admitted and registered at the University before an enrollment certification can be submitted to the VA. A completed VA Request for Certification form must be returned to the Registrar's Office for each academic year. This form is available in the Registrar's Office and on the University's website.
Academic Programs and Policies

Suzanne Ozment
Provost and Vice President for Academic Affairs
Office of Academic Affairs
Calkins Hall, Station 6015
telephone: (205) 665-6015
fax: (205) 665-6018
e-mail: sozment@montevallo.edu

Daniel Strickland, Registrar
Registrar's Office
Palmer Hall, Station 6040
telephone: (205) 665-6040
fax: (205) 665-6042
e-mail: dstrickland7@montevallo.edu

Degree Requirements

General Education

All students seeking an undergraduate degree at Montevallo must complete a core curriculum, which includes courses in oral and written communication; literature, humanities and fine arts; the natural sciences and mathematics; history and social and behavioral sciences; and personal development.

**Purpose and Goals of General Education**

The core curriculum is the most complete embodiment of the University's mission as Alabama's publicly funded liberal arts college. In this curriculum, the University bears continually in mind the special meaning of freedom embodied in the term "liberal arts": the arts that free or enable students to explore the perennial questions that confront every thoughtful human being—questions about nature, human nature and society, and metaphysics. The University provides opportunities to explore these questions through liberal studies in the sciences, literature, the fine arts, history, behavioral and social sciences, and philosophy. The University is committed to liberal inquiry, not only in its core curriculum, but also in its professional and preprofessional programs. In all of these, the University aims to graduate students who can bring to their vocations, their private lives, and their civic participation the habits of lifelong learning and energetic, informed reflection.

Liberal education is possible only if the student has acquired some degree of mastery and understanding of the instruments or skills through which the human mind can absorb information about the world, come to a deepened understanding of that information, and transmit that understanding to others. Accordingly, the University dedicates a substantial portion of the core curriculum to acquiring the skills and symbol systems that, because they make it possible for the mind to grasp what is not apparent to the senses, enable genuine learning.

The University of Montevallo has adopted the Essential Learning Outcomes presented below that have been developed by the Association of American Colleges and Universities (AAC&U) through consultation with hundreds of colleges and universities across the nation.

**AAC&U Essential Learning Outcomes**

Students should prepare for 21st-century challenges by gaining:

- **Knowledge of Human Cultures and the Physical and Natural World**
  - through study in the sciences and mathematics, social sciences, humanities, histories, languages, and the arts
  - Focused by engagement with big questions, both contemporary and enduring

- **Intellectual and Practical Skills, including**
  - Inquiry and analysis
  - Critical and creative thinking
  - Written and oral communication
  - Quantitative literacy
  - Information literacy
  - Teamwork and problem solving
  - Practiced extensively, across the curriculum, in the context of progressively more challenging problems, projects, and standards for performance

- **Personal and Social Responsibility, including**
  - Civic knowledge and engagement—local and global
  - Intercultural knowledge and competence
  - Ethical reasoning and action
  - Foundations and skills for lifelong learning
  - Anchored through active involvement with diverse communities and real-world challenges

- **Integrative and Applied Learning, including**
  - Synthesis and advanced accomplishments across general and specialized studies
  - Demonstrated through the application of knowledge, skills, and responsibilities to new settings and complex problems.
**General Education Requirements - 50 Credit Hours**

For the most-current list of approved general education (GE) course titles, refer to the latest published course schedule (issued for Fall, Spring, and Summer semesters).

**Written Composition** 6 credit hours
- English Composition I 3 credit hours
- English Composition II 3 credit hours

**Humanities and Fine Arts** 18 credit hours
- Literature 3-6 credit hours*
- Oral Communication 3 credit hours
- Fine Arts 3 credit hours
- Further study in the humanities
  - Fine Arts (maximum of 3 additional credit hours in Fine Arts)
  - Foreign Language
  - Philosophy

**Natural Sciences and Math** 11 credit hours
- Mathematics 3 credit hours
- Lab science in two disciplines 8 credit hours
  - Biology
  - Chemistry
  - Geology
  - Physics

**History, Social and Behavioral Sciences** 12 credit hours
- History 3-6 credit hours*
- Social and Behavioral Sciences 6-9 credit hours
  - Economics
  - Family and Consumer Sciences
  - Geography
  - History
  - Political Science
  - Psychology
  - Social Work
  - Sociology

**Personal Development** 3 credit hours
- Computer Applications (courses offered in several disciplines)
- Environmental Studies (ES 200)
- Health and Wellness (KNES 120)

* Students must complete a six-hour sequence in either History or Literature. Students may complete both sequences.

For transfer purposes, courses taken to meet the general studies curriculum requirements approved by the Articulation and General Studies Committee of the State of Alabama (AGSC) will apply to UM general education requirements. The AGSC requirements are degree and program specific; therefore, some courses may not apply if a student changes programs upon or after transferring to the University of Montevallo. Students should consult an academic adviser or the Registrar's Office concerning substitutions or the applicability of transfer credit in satisfying general education requirements. The AGSC requirements are available at any public accredited post-secondary institution in Alabama, on the UM website (www.montevallo.edu) or at [http://stars.troy.edu/](http://stars.troy.edu/).

The Provost and Vice President for Academic Affairs must approve any substitution or waiver of a General Education requirement.

**Information Literacy Courses**

The University of Montevallo is committed to enhancing student learning through an emphasis on improving information literacy skills, defined as the ability to obtain, evaluate, and effectively use information to become responsible, informed scholars and citizens. The integration of information literacy as a focus in both the General Education and major curricula supports the University's mission. Information literacy instruction is being incorporated into the curriculum through a three-tiered developmental model that introduces information literacy at the foundational level in the General Education program; advances the skills through a designated, required course in each major; and focuses on mastery in a designated, required, upper-level course within each major.

**Writing Intensive Courses**

The University of Montevallo understands that for students to be successful, both in college and in their chosen professions, they need strong written communication skills. To demonstrate the University's commitment to providing students with these skills, portions of UM's curriculum are dedicated to the teaching of writing. In UM's General Education writing courses (English 101 and 102), students practice the foundational writing skills they need to enter any major. Then, within each major's core requirements, Writing Intensive (WI) courses help students hone their writing skills by practicing the kind of writing that is specific to each field of study. At the same time, WI courses also teach students sound writing techniques, such as planning, drafting, revising, and responding to feedback, that are applicable to any field. As students progress through their General Education and WI courses, as well as many other courses at UM that emphasize writing, they will have the opportunity to acquire the writing skills that UM considers vital to a rigorous liberal-arts education.
## Currently Identified Writing Intensive (WI) Courses

### College of Arts and Sciences
- **Biology**
  - BIO 106 Introductory Biology II
  - BIO 307 Molecular Cell Biology
- **Chemistry**
  - CHEM 320 Analytical Chemistry
  - CHEM 450 Instrumental Analysis
- **English**
  - ENG 300 Introduction to the Major
  - ENG 485 Senior Seminar: A Capstone Course for English Majors
- **Foreign Languages**
  - FRN /SPN 302 Grammar and Composition
  - FL 480 Senior Seminar: A Capstone Course for Foreign Language Majors
- **History**
  - HIST 310 Introduction to Historical Study
  - HIST 491 Senior Seminar in History
- **Mathematics**
  - MATH 310 Foundations of Mathematics
  - MATH 470 Real Analysis
- **Political Science**
  - POS 455 International Relations
  - POS 475 Constitutional Law
- **Psychology**
  - PSYC 340 Cognitive Psychology
  - PSYC 499 Senior Seminar in the History of Psychology: A Capstone Experience
- **Social Sciences**
  - POS 455 International Relations
  - HIST 491 Senior Seminar in History
- **Social Work**
  - SWK 350 Generalist Social Work Practice
  - SWK 420 Social Work Practice with Communities and Organizations
- **Sociology**
  - SOC 324 Social Stratification
  - SOC 480 Development of Sociological Theory
- **Communication Studies**
  - COMS 200 Introduction to Communication Research Methods
  - COMS 450 Rhetorical Criticism or COMS 320 Communication Theory
- **Mass Communication**
  - MC 200 Introduction to Mass Media Writing (for all MC majors)
  - MC 255 Media Writing Fundamentals or MC 265 Broadcast News Writing or MC 452 Public-Relations Writing (for Broadcast Concentration)
  - MC 255 Media Writing Fundamentals (for Journalism Concentration and for Dual Broadcast/Journalism Concentration)
- **Music**
  - MUS 341 Music History, Baroque/Classical
  - MUS 342 Music History, 19th Century to Present
- **Theatre**
  - THEA 270 Directing I
  - THEA 300 Play Analysis, Theory and Criticism
- **Interdisciplinary Studies (IDS)**
  - IDS students must complete two courses in the major that emphasize writing for the discipline; ideally these two courses will be from different disciplines. Course selection will be made with guidance and approval from the IDS Adviser and the IDS Committee.

### College of Business
- **Business**
  - MG 305 Business Professional Development
  - MK 351 Principles of Marketing

### College of Education
- **Education of Deaf and Hard of Hearing**
  - SPED 476 Methods of Teaching Academic Subjects to the Deaf and Hard of Hearing
  - SPED 482 Assessment: Deaf and Hard of Hearing Education - Elementary/Secondary
  - ED 401 Introduction to Teaching
- **Family and Consumer Sciences**
  - FCS 291 Individual and Family Development
  - FCS 402 Dynamics of Family Relationships
- **Kinesiology**
  - KNES 211 Motor Development (for Health-Promotion and Teacher-Education concentrations)
  - KNES 310 Sports Nutrition (for all KNES majors)
  - KNES 484 Nutrition Care Process II (for Nutrition and Wellness Concentration)
- **Family and Consumer Sciences**
  - FCS 291 Individual and Family Development
- **Graduation Requirements**
  - Responsibility for meeting all graduation requirements rests with the student. In addition to the University's general requirements, colleges and/or departments may have additional graduation requirements as described in the colleges' information sections of this Bulletin.
  - A student will not be considered a candidate for graduation unless a graduation application is submitted online to the Registrar's Office prior to the beginning of the pre-registration period for his or her final regular semester.
The Registrar's Office will notify graduation candidates and their academic advisers of the results of a final degree evaluation, including all remaining requirements for graduation, prior to the final academic advising and registration session.

The general requirements for graduation are:
- credit for at least 120 semester hours;
- credit for at least 30 of the last 40 semester hours required for degree completion must be earned at the University of Montevallo;
- credit for at least 30 semester hours of 300- and/or 400-level study earned at the University of Montevallo;
- completion of at least 25 percent of the credit hours required for the degree at the University of Montevallo;
- completion of at least 50 percent of the courses required for the major at the University of Montevallo;
- cumulative GPA of at least 2.0 for courses required for the major(s);
- cumulative GPA of at least 2.0 for courses required for the minor(s), if applicable;
- a cumulative institutional GPA of at least 2.0;
- a cumulative overall GPA of at least 2.0 on all courses attempted, including transfer courses; and
- completion of the required senior assessments.

When calculating the major or minor GPA, only the highest grade in each course will be used.

No more than 64 semester hours of credit from a two-year college may be applied toward degree requirements. No more than 45 combined semester hours of credit earned through Advanced Placement (AP), College Level Examination Program (CLEP), International Baccalaureate (IB), Cambridge Advanced International Certificate of Education (AICE), and military credit may be applied toward meeting degree requirements.

Although students with a financial obligation to the University may be permitted to participate in commencement exercises, official transcripts and diplomas will be withheld until all financial obligations to the University are satisfied.

Criteria to Participate in Spring Commencement

Undergraduate students who have not completed all graduation requirements by the end of spring term may participate in Spring Commencement if they:
- have 18 or fewer hours to complete with verified Summer Term enrollment at UM in all remaining requirements (including a completed transient letter, if applicable); and
- have obtained at least a 2.0 cumulative GPA.

Names of all participants will be printed in the program. Therefore, a student may participate in only one commencement ceremony.

The "degree conferred" date on the student's diploma and transcript will correspond to one of the three dates that UM confers degrees (see Academic Calendar). All graduation requirements and financial obligations must be satisfied in order to receive the diploma.

Honors designations are determined by final UM GPA. Therefore, honors designations will not be indicated in the program for those who participate in a commencement ceremony prior to completion of all degree requirements. Appropriate honors designations will be printed on the diploma.

Any exceptions to this policy must originate with the student's Dean and will require the approval of the Provost and Vice President for Academic Affairs.

Specific Degree Requirements

Bachelor of Arts

In addition to the General Education curriculum, students seeking the Bachelor of Arts degree must complete the second year course sequence (201 and 202) in French, German, or Spanish.

Completion of the foreign-language requirement is based on proficiency. Students have the opportunity to take a foreign-language placement exam to determine if they may start their language studies beyond the 101 level. A student whose level of language proficiency makes it possible to bypass one or more lower-level language classes will reduce the number of hours required to complete the language sequence but will not reduce the total number of hours required for graduation. For example, a student who places in FRN 102 as a result of the placement exam will not be required to take FRN 101 but will not receive the credit hours for FRN 101. Information about the placement exam is available from the Department of English and Foreign Languages.

Bachelor of Science

Students seeking the Bachelor of Science degree must complete a total of 18 or more credit hours in mathematics and science.

Other Undergraduate Degrees

For information about the Bachelor of Business Administration degree, refer to the College of Business section of this Bulletin. For information about the Bachelor of Fine Arts and Bachelor of Music degrees, refer to the College of Fine Arts section.

Second Bachelor's Degree

Students who have previously completed a bachelor's degree from the University of Montevallo or another regionally accredited institution may pursue a
second bachelor's degree at the University of Montevallo. Students who have completed a bachelor's degree and are pursuing a second bachelor's degree of the same type (B.A., B.S., etc.) will be considered as having completed the General Education requirements. Students who are pursuing a second bachelor's degree of a different type may be required by the department offering the degree to complete additional General Education courses.

A second bachelor's degree may be conferred when all requirements of the second degree program are completed. Requirements for the second bachelor's degree are:

- completion of at least 50 percent of the courses required for the major at the University of Montevallo;
- completion of at least 25 percent of the credit hours required for a bachelor's degree at the University of Montevallo;
- completion of at least 30 semester hours at the 300/400 level at the University of Montevallo;
- a cumulative GPA of at least 2.0 for courses required for the major(s);
- a cumulative GPA of at least 2.0 for courses required for the minor(s), if applicable; and
- a minimum cumulative overall and institutional GPA of 2.0.

Students who have formerly earned a bachelor's degree at UM must meet the above requirements in addition to previously completed coursework. Additional coursework to meet standards including, but not limited to, course prerequisites, program accreditation, teacher certification, or graduate program entry may be required. All requirements should be reviewed with the academic adviser.

**Double Majors**

Students who select two majors must meet the degree requirements of both majors, including the General Education requirements. If the majors are in different degree programs, students will receive two diplomas simultaneously at graduation. The recipients' names will be listed in the printed commencement program under both degree programs.

**Teacher Certification Requirements**

Students who intend to earn teacher certification should review requirements with their advisers during the freshman year. Information regarding teacher education programs is included in the College of Education section of this Bulletin and in the undergraduate Teacher Education Handbook.

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**Academic Regulations and Procedures**

**Academic Advising**

**Responsibilities of Students**

The academic advising process is crucial to the success of a student's University career. In planning a program of study, students should coordinate their personal goals with their academic and professional goals and should discuss long-range goals and career opportunities available in a particular major with their advisers.

Students must obtain approval from their adviser in order to register or preregister for courses. A student should meet with the adviser during the preregistration advising period and should consult the adviser prior to any change in classes, prior to a change in major or minor, immediately following any report of unsatisfactory progress, and when considering withdrawal from Montevallo.

Students are responsible for being familiar with the requirements of the University as outlined in this Bulletin and on the University's website and should maintain copies of their personal degree plan and transfer evaluation so information regarding progress toward a degree is readily available.

Students are ultimately responsible for planning and implementing their own academic programs, and no legal responsibility rests with Montevallo. The University reserves the right to modify degree requirements, programs of study, and curricula as it deems necessary or appropriate.

**Declaration of Major and Minor**

The major and minor fields of study should be chosen by the end of the sophomore year. Requirements for specific majors and minors are listed under the appropriate department headings in this Bulletin. Courses for the major and minor must be selected in consultation with the academic adviser. A minor is optional except where required for a specific major.

**Change of Major or Minor**

To change a major, students may obtain a change-of-major form in any department office or from the Registrar's Office. The form must be taken to the new department for approval and for assignment of an academic adviser and then to the Registrar's Office, where the change will be recorded. To change a minor, a student should contact the Registrar's Office.

**Assignment of Academic Advisers**

Advisers are assigned by the major department. However, if a student changes majors, a new adviser is assigned by the new major department when the change of major is approved. A student may change
advisers within a department by consulting the chair of the department.

**Degree Evaluation**

Updated degree evaluations for all currently enrolled students are available by accessing CAPP through forUM at any time. Any questions concerning degree evaluations should be directed to the student's academic adviser or the Registrar's Office.

**Academic Standards**

**Grades**

**Grading System**

Grades represent the instructor's assessment of the student's performance on classroom and laboratory assignments as well as on essays, term papers, class participation and examinations, etc. Grades and grade points are earned and recorded as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grading Standard</th>
<th>Grade Points per Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Satisfactory</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Passing</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failing</td>
<td>0</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td>-</td>
</tr>
<tr>
<td>IP</td>
<td>In Progress</td>
<td>-</td>
</tr>
<tr>
<td>NC</td>
<td>No Credit</td>
<td>-</td>
</tr>
<tr>
<td>P</td>
<td>Pass</td>
<td>-</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory</td>
<td>-</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory</td>
<td>-</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawn</td>
<td>-</td>
</tr>
</tbody>
</table>

**Incomplete Grades**

Grades of I (Incomplete) may be given when students, because of circumstances beyond their control, are unable to complete coursework that is assigned and/or due during the last 15 calendar days (including weekends) of long semesters and/or during the last 5 calendar days (including weekends) of the May and Summer terms. It is the student's responsibility to make arrangements to complete remaining requirements.

All incomplete work must be finished by a date determined by the instructor and not later than the conclusion of the next long semester (i.e., for Fall semester Incompletes, no later than the last day of the following Spring semester; for Spring semester, May term, and Summer term Incompletes, no later than the last day of the following Fall semester). Otherwise, an I grade automatically becomes an F.

**In Progress Grades**

A grade of IP (In Progress) may be assigned only in designated courses.

**Repeating Courses and Grades**

Students who want to receive credit for a course failed at UM must repeat the course at UM. The credit hours for every occurrence of the course are used in determining the grade-point average (GPA).

Students who want to improve a grade(s) of B or lower in a UM course must repeat the course(s) at UM. The credit hours for every occurrence of the course are used in determining the GPA. The credit hours for only one occurrence of a repeated, previously passed course are included in earned hours. See General Graduation Requirements for determining the major or minor GPA.

**Transient Courses and Grades**

A student must receive approval from the chair of the department, the academic adviser, and the Registrar to register for courses at another college or university. All courses taken as a transient student will be included on the student's official transcript.

**Grade-Point Averages**

A student's grade-point average (GPA) is calculated by dividing the total quality points by the total credit hours attempted for which standard letter grades are assigned. Grades of AU, I, IP, NC, P, S, U, and W are not used in the calculation of the GPA.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
<th>Grade</th>
<th>Grade Points</th>
<th>GPA Hours</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 105</td>
<td>4</td>
<td>C</td>
<td>2</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>ENG 231</td>
<td>3</td>
<td>A</td>
<td>4</td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td>PHIL 220</td>
<td>3</td>
<td>D</td>
<td>1</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>COMS 101</td>
<td>3</td>
<td>B</td>
<td>3</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>MATH 144</td>
<td>3</td>
<td>F</td>
<td>0</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Totals</td>
<td>16</td>
<td></td>
<td>16</td>
<td>32</td>
<td></td>
</tr>
</tbody>
</table>

**Sample UM GPA Calculation:**

Quality Points: UM Grade points multiplied by credit hours
Grade points are assigned as follows: A = 4; B = 3; C = 2; D = 1; F = 0
GPA Hours: UM Credit hours attempted for which standard letter grades are assigned
GPA: Total UM Quality Points divided by total UM GPA Hours

The cumulative institutional (UM) GPA is comprised of all applicable coursework taken at the University of Montevallo. The cumulative overall GPA represents courses transferred from other institutions in addition to coursework taken at UM. All applicable grade-point averages, quality points, and credit hours used to determine the GPA will appear on the academic transcript.
Final Grade Appeals

The University of Montevallo respects the right and professional responsibility of faculty members to assign grades based on their professional judgment of student performance.

In the event that a student believes that the final grade assigned in a course is unfair or incorrect, the student should take the following steps:
1) The student must first confer with the faculty member involved to review his or her academic work and its assessment and attempt to resolve issues informally.
2) If the student is not satisfied and wishes to continue the appeal, he or she will request a Final Grade Appeal form from the Chair of the department offering the course. This form must be completed and submitted to the department chair within 30 calendar days of the posting of final grades along with an attached written statement of the rationale/basis for the appeal and any supporting materials such as graded work and course syllabus. The written appeal must state clearly the reason(s) for the appeal of the grade and the desired remedy.
3) The Department Chair will review the documents submitted by the student and will discuss the case with the faculty member who will be given a copy of the written appeal. Within five (5) class days* of receiving the student's appeal, the Chair will contact the student to schedule an appointment. The Chair's decision will be rendered at the conclusion of the conference with the student or within five (5) class days* after the meeting. If the Department Chair supports the student's appeal, the instructor will be asked to reassess the student's grade.
4) If the Department Chair does not support the student's appeal or the Department Chair does not respond to the student's appeal or the Department Chair refuses to change the student's grade, the student may appeal to the Dean of the college offering the course. At the student's request, the Department Chair will send all materials to the college Dean, who, after discussion with the Chair and the faculty member, will schedule an appointment with the student. The Dean may or may not request that the Chair and faculty member attend the conference. The Dean will render a decision at the conclusion of the conference or within five (5) class days* after the meeting. If the Dean supports the student's appeal, the instructor will be asked to reassess the student's grade. The decision to change the grade will remain with the instructor unless the Dean has clear, convincing, and objective evidence that the grade has not been calculated according to criteria communicated to students by the instructor.

*Class Day
A class day is any weekday in which the University is in session during the regular academic year (i.e., fall and spring semesters).

Every effort will be made to address complaints in a timely manner. However, students should be aware that action complaints filed after Spring Commencement may be delayed if the faculty member involved is not available during the summer to respond to the complaint. All appeals should be resolved by the end of the term in which they are filed.

Absence Policy

The University expects students to attend all classes for which they are enrolled. Instructors may establish specific regulations governing their classes and will provide them to their students at the beginning of each term.

Academic Dishonesty Policy

Students may not give or receive unauthorized aid in completing academic work and meeting academic requirements. Only the faculty member teaching the course can authorize assistance, use of resources, etc. If a student is uncertain about whether conduct would constitute academic dishonesty, it is the responsibility of the student to seek clarification from the faculty member prior to engaging in such conduct.

Penalties for cheating or plagiarism are determined based on the seriousness of the offense and on whether the student has a record of other instances of academic dishonesty. If the academic dishonesty pertains to an assignment in a course, the faculty member teaching the course in which the violation occurred may assign a zero on the assignment or a grade of F in the course. If the violation pertains to a non-course degree requirement (e.g., standardized examination), the student may fail to receive credit for the degree requirement for which the violation occurred. The consequences for the violation of a non-course degree requirement may be imposed by the appropriate department chair or college dean. In addition to these consequences, the faculty member or academic administrator has the right to refer the violation to the Justice Council for possible further sanctions.

The process for resolving charges of academic dishonesty is as follows:
1) The instructor responsible for the course at the time of the incident will complete an Academic Dishonesty Incident Form and inform the student of the charge and provide the student with a copy of the Incident Form as soon as possible but within 5 class days* of the assignment of the grade. The instructor will determine the appropriate grade penalty (a reduced grade on the assignment or for the course). The instructor may further recommend that the Justice Council consider the case for additional sanctions against the student.
2) If the student accepts the grade penalty assigned by the faculty member, the process outlined below is
followed.

A. Copies of the incident report are forwarded to the Chair of the department in which the incident occurred, to the Dean of the college, to the Dean of Students, and to the Provost and Vice President for Academic Affairs.

B. The Office of the Provost and Vice President for Academic Affairs will serve as the central recording center for all Academic Dishonesty Incident Forms. Additionally, the Provost and Vice President for Academic Affairs will recommend that the Justice Council consider the case (1) upon instructor recommendation or (2) if the student charged has a record of past violations of academic honesty even though the instructor did not recommend the case for further consideration.

C. If the Provost and Vice President for Academic Affairs forwards the case to the Justice Council for further consideration under established procedures for disciplinary hearings, the Justice Council may recommend:

1. suspension for a definite or an indefinite period of time (see UM Academic Suspension Policy);
2. expulsion;
3. additional sanctions as warranted, such as withdrawal of scholarship support;
4. appropriate notations on the student’s permanent record.

The Justice Council will forward its recommendation to the Provost and Vice President for Academic Affairs. Upon approval of the Justice Council recommendation, the Provost and Vice President for Academic Affairs will implement disciplinary action and notify the student, the student’s advisor, the instructor, the Department Chair, the Deans of the college in which the incident occurred and the college in which the student is enrolled, the Dean of Students, and other appropriate parties (Registrar, Director of Housing and Residence Life, etc.) of the outcome of the appeal. In the case of a student appeal of a faculty-imposed penalty, the Justice Council may not impose a penalty stronger than the initial one.

*Class Days*

A class day is any weekday in which the University is in session during the regular academic year (i.e., fall and spring semesters).

Every effort will be made to address complaints in a timely manner. However, students should be aware that action on complaints filed after Spring Commencement may be delayed if the faculty member involved is not available during the summer to respond to the complaint.

**Academic Progress**

**Class Standing**

Students who have completed fewer than 30 semester hours are classified as freshmen. At 30 hours, the student is classified as a sophomore, at 60 hours a junior, and at 90 hours a senior.

**Good Standing**

Students must have at least a 2.0 cumulative University of Montevallo grade-point average (UM GPA) to maintain academic good standing.

**Maintaining Minimum Academic Progress**

A student is expected to achieve consistent progress toward the attainment of a University degree. Earning the following minimum cumulative UM GPA based on total accumulated GPA hours is considered minimum academic progress:

- 0-29 GPA hours*, 1.5 UM GPA
- 30-59 GPA hours*, 1.7 UM GPA
- 60-89 GPA hours*, 1.9 UM GPA
- 90+ GPA hours*, 2.0 UM GPA

*includes transfer hours


**Academic Warning**

At the end of each semester, a student will be placed on Academic Warning when his or her cumulative UM GPA is below 2.0 but above the appropriate minimum academic progress standard as defined previously. A student may be removed from Academic Warning only by attaining a minimum 2.0 cumulative UM GPA. Academic Warning will be noted on the student's academic transcript. Academic Warning does not restrict registration for a subsequent term.

**Freshman Academic Warning**

A first-time freshman will be placed on Freshman Academic Warning for one regular semester if his or her cumulative UM GPA is below 2.0. First-time freshmen are students with fewer than 30 earned hours with no prior enrollment at a postsecondary institution at the undergraduate level. This includes students enrolled at UM during the fall semester who first attended college during the prior summer term, as well as students who entered UM with college-level credit earned prior to graduating from high school.

Freshman Academic Warning will be noted on the student's academic transcript. Freshman Academic Warning does not restrict registration for a subsequent term. Students placed on Freshman Academic Warning are urged to schedule an appointment with their adviser to review academic progress prior to the first day of classes in the subsequent term.

**Academic Suspension**

A student may not attend the University during the period of his or her suspension. Students should be aware that once they are placed on suspension from the University, they are no longer making satisfactory academic progress as required for continued receipt of financial aid. Students petitioning for reinstatement to the University under the procedure outlined in the following must apply separately to the Office of Student Financial Services in order to regain financial aid. A student may not transfer to the University any credits earned at another college or university while on suspension.

Academic suspension typically results from a student's failure to demonstrate satisfactory academic progress; however, it is also possible for a student to be suspended as a result of academic dishonesty (see policy on Academic Dishonesty).

First-time freshmen may be placed on Freshman Academic Warning but are not subject to suspension for failure to meet minimum standards for academic progress until the end of their second regular semester at UM. Freshmen may, however, be suspended as a result of academic dishonesty. All other students are subject to suspension at the end of any regular semester when they fail to meet minimum standards for academic progress or may be suspended as a result of academic dishonesty.

**First Suspension**

A student who does not maintain minimum academic progress, as defined previously, will be suspended from study for one regular semester, and the suspension will be noted on the student's official transcript. A student placed on First Suspension may attend the summer term at UM in an attempt to improve his or her GPA. If summer enrollment results in the student meeting minimum academic progress standards, the student will be permitted to enroll for the fall semester.

A student may also petition the Department Chair for his/her major to be allowed to continue enrollment in the next regular semester through the reinstatement review process. For a student who has not declared a major or who has more than one major, the Provost will determine the appropriate party to consider reinstatement.

If the student's reinstatement petition is denied and the student does not meet standards for minimum academic progress through courses completed during the summer term at UM, the student will not be permitted to enroll in the next regular semester.

Following the one semester suspension, the student may apply for readmission and will be required to earn a semester UM GPA of 2.0 or higher on 12 or 13 semester hours (unless the Dean approves a reduced number of hours) in order to continue enrollment. The student will then be required to meet the minimum standards for academic progress in subsequent semesters.

**Second Suspension**

A student who returns from his or her first academic suspension and does not meet standards for minimum academic progress during the required number of semester hours or who in a future semester fails to meet minimum standards for academic progress will be suspended for two regular semesters. A student placed on Second Suspension will be allowed to enroll in the summer term. If summer enrollment results in the student meeting the minimum academic progress standards, the student will be permitted to enroll for the fall semester.

A student may also petition the Reinstatement Committee in his or her college to be allowed to continue enrollment in the next regular semester. For a student who has not declared a major or who has more than one major, the Provost will identify the Reinstatement Committee.

If the student's reinstatement petition is denied and the student does not meet standards for minimum academic progress through courses completed during the summer term at UM, the student will not be permitted to enroll for the next two regular semesters.

Following the two-semester suspension, the student may apply for readmission and will be required
to earn a semester GPA of 2.0 or higher on 12 or 13 semester hours (unless the Dean approves a reduced number of hours) in the next regular semester in order to continue enrollment. The student will then be required to meet the minimum standards for academic progress in subsequent semesters.

**Indefinite Suspension**

A student who returns from his or her second academic suspension and does not earn a semester UM GPA of 2.0 or higher on the required number of semester hours or who in a future semester fails to meet minimum standards for academic progress will be placed on Indefinite Suspension and may not enroll in any term (including summer). An appeal will not be considered by the College Reinstatement Committee until the student has been out of school for a minimum of two regular semesters.

**Reinstatement Petition Process**

**First Suspension-Appeal to Department Chair**

The student must make an appointment to meet with the appropriate Department Chair to present his/her case for reinstatement no later than three (3) weekdays prior to the beginning of a regular semester. If the Department Chair denies the request, the student may appeal to the Dean. The decision of the Dean is final and will be communicated to the Registrar, the Office of Student Financial Services, Housing, and other administrative offices as appropriate.

**Second Suspension-Appeal to College Reinstatement Committee**

The procedure for applying for reinstatement is as follows:
1) The student must complete a reinstatement petition, available from the Registrar's Office, and submit it to the Reinstatement Committee of the college from which he or she was suspended no later than four (4) weekdays prior to the beginning of a regular semester.
2) The Reinstatement Committee (see following description) will review the student's petition and may require a meeting with the student. The Committee may approve the petition, may approve the petition with stipulations, or may disapprove the petition. Stipulations may include limiting the number of courses the student may take or specifying the GPA the student must earn in the next semester.
3) If the Reinstatement Committee denies the student's petition, the student may appeal in writing to the college Dean. The decision of the dean will be final. The student may not appeal a positive decision.
4) The final decision of the Reinstatement Committee or Dean will be communicated to the Registrar, the Office of Student Financial Services, Housing, and other administrative offices as appropriate.

**Reinstatement Committee**

Each college will appoint a Reinstatement Committee that will be charged with reviewing petitions submitted by students pursuing majors offered by the college for academic reinstatement following a second or indefinite suspension. The Reinstatement Committee will have three members (usually department chairs).

**Special Conditions**

Students placed on academic warning are usually not eligible to participate in extracurricular activities; however, a student incurring warning during a period of active participation in an intercollegiate sport, theatrical production, or other officially recognized extracurricular activity in which the student represents the University (in the case of athletes, from the first scheduled game through the last scheduled game only, including playoffs) may be allowed to complete the period of participation, provided that this provision does not conflict with relevant external rules. For purposes of enforcing this policy, the beginning and ending dates of each activity are determined on a case-by-case basis.

**Academic Clemency**

Academic Clemency is designed for former undergraduate students at UM whose GPAs during previous enrollments make it impossible or highly unlikely for them ever to graduate. Academic Clemency offers former students the opportunity to resume their college studies with a realistic possibility of completing an undergraduate degree. Students who were suspended or expelled from UM for academic dishonesty or misconduct are not eligible for Academic Clemency. Academic Clemency may be awarded only once, cannot be awarded retroactively, and cannot be revoked. Established requirements for repeating classes, admission to, or progression in specific academic degree programs take precedence over this policy.

A former student may apply for Academic Clemency to the Dean of the college in which he or she intends to pursue a major if he or she has not been enrolled at any academic institution for at least 36 months and has not previously been granted Academic Clemency at UM. The student must earn a 2.5 GPA or higher in at least 12 hours of degree-applicable course work (approved by the dean) in the first term following re-admission to UM in order for Clemency to be applied. Once Clemency has been earned, the following rules apply to the student's academic record:

- Degree requirements will be in accordance with those in effect at the time of the student's re-admission.
- All previous academic work will remain on the student's transcript with an appropriate notation, but the grades for previous work are not used in computing the UM grade point average. UM courses in which grades of "C" or higher were earned during previous attendance may be
applied to graduation requirements. UM courses in which grades of "D" were earned during previous college attendance may not be applied to graduation requirements.

- No adjustments will be made to previously accepted transfer coursework.
- After Clemency is granted, the student's UM GPA will be recalculated beginning with the semester in which the student was readmitted to UM through the Academic Clemency process. The student's academic standing in previous semesters will not be changed. Policies governing satisfactory academic progress, probation, and suspension will govern eligibility for continued enrollment following readmission.
- Students who are granted Academic Clemency may not receive Graduation Honors (cum laude, magna cum laude, summa cum laude).

**Honors**

**Graduation Honors**

Graduation honors that are designated on the transcript and on the diploma are based on the following standard:

<table>
<thead>
<tr>
<th>Cumulative UM GPA</th>
<th>Graduation Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.5-3.69</td>
<td>cum laude</td>
</tr>
<tr>
<td>3.7-3.89</td>
<td>magna cum laude</td>
</tr>
<tr>
<td>3.9-4.0</td>
<td>summa cum laude</td>
</tr>
</tbody>
</table>

**President's List and Dean's List**

Students who earn at least 12 semester hours and a minimum 3.8 GPA during a semester are placed on the President's List for that term. Students who earn at least 12 semester hours and between a 3.5 and a 3.79 GPA during a semester are placed on the Dean's List for that term. The designations appear on the transcript.

**Registration**

**Orientation and Evaluation**

The University provides freshmen and transfer students a program of orientation, advising, and academic counseling prior to enrollment. The program provides students with an opportunity to better understand academic requirements and degree programs; to consider personal abilities, interests, and talents; and to become familiar with the campus and facilities.

New students are expected to participate in an orientation session prior to beginning classes. Students entering Montevallo during a Summer Session or during the Spring Semester attend one-day registration/orientation sessions. Fall Semester transfer students attend a one-day preregistration/orientation session offered during the summer. Fall Semester freshmen attend a one-day preregistration session during the summer and return to campus for Welcome Weekend immediately prior to the beginning of Fall Semester classes. An orientation fee is required of all new students.

Students also participate in one or more evaluative activities:

- as freshmen, as part of the orientation process;
- as seniors, as a required part of the preparation for graduation; and
- at other times during the college career, as deemed appropriate by the University.

**University Calendar and Credit Hours**

The University operates on the semester system. The University Calendar includes Fall and Spring Semesters, and a Summer Semester that includes a May Term, two five-week terms (Summer I and Summer II), a combined Summer I and II session, and a full summer session for selected courses, which runs from the beginning of the May Term to the end of Summer II.

The semester hour (or "credit hour") is the unit of academic measurement.

**Registration Procedures**

Registration procedures and dates are available on the University's website for each semester prior to academic advising. The schedule of classes is also available on the University's website.

Each semester students may preregister for the subsequent semester. Students who pre-register and pay by the required date (published in the class schedule) do not have to participate in regular registration. Schedules of students who do not submit payment by the payment deadline may be dropped.

**GPA Requirements for Course Overloads**

A new student may not take more than 19 hours during his or her first regular semester. A continuing student who wishes to take more than 19 hours, but no more than 22 hours, must have a UM GPA of at least 3.0 and must have earned a GPA of at least 3.0 in the previous semester on a minimum of 12 semester hours. A transfer student who wishes to take more than 19 hours, but no more than 22 hours, must have a cumulative GPA of at least 3.0. Exceptions to the required GPA must be approved by the department chair for the student's major.

The maximum load allowed in May is four hours. The maximum load allowed in each session of the summer semester is seven hours. Any exception must be approved by the department chair for the student's major.
Independent Study

Advanced students, with the approval of the instructing faculty member, department chair, and dean, may be afforded the opportunity to conduct under the guidance of a faculty member an independent study on a topic not covered in depth in other courses. Independent study courses are intended primarily for juniors and seniors whose academic performance indicates the ability to succeed in a less closely directed experience than a typical class offers. With the exception of extraordinary circumstances, a student may not take a regularly scheduled course on an independent study basis nor can general education credits be earned through independent study courses. The independent study must involve a significant body of work that is clearly academic in nature and that is assigned a grade by the instructor. The instructor will develop an independent study syllabus that specifies the work the student is expected to complete, the frequency of meetings between the instructor and the student, and how the student's grade will be determined. Published academic calendar deadlines and the established grading system apply to independent studies.

Auditing Courses

Students may audit courses (i.e., without receiving grades or credit) on a space-available basis. Auditing students must register in the Registrar's Office during the official late-registration period only. Students taking courses for credit may not change credit to audit after the drop/add period ends.

Cancellation of Courses

The University reserves the right to cancel any course. The decision is made by the dean of the college in which the course is offered.

Non-Academic Credit

The University of Montevallo does not award academic credit for non-academic pursuits such as continuing education courses, "life experience," or any other course work taken on a non-credit basis.

Drop-Add Policy

During the drop/add period (the first week of a Fall or Spring semester, the first day of May term, and the first two days of Summer I or Summer II), a student may add a class without the professor's permission, and a student may drop a course (without incurring a grade of W) either through his or her forUM account or in the Registrar's Office. A course that is dropped during the drop/add period will be deleted from the student's transcript. The student must initiate the drop process; failure to attend class does not constitute a formal drop. See the University Calendar for specific dates and the University refund policy for details regarding tuition and fees associated with dropping a class in this time frame.

Course Withdrawal

After the drop/add period, a student may add a course only with the written approval of the professor, department chair, and college dean. If a student wishes to withdraw from a course after the drop/add period and receive a grade of W (withdrawn), she/he must do so by the final withdrawal date shown in the University Calendar either through forUM or in the Registrar's Office. The course withdrawal period ends at midnight on the date specified in the University Calendar, approximately 60 percent through the academic term. A grade of W does not affect the student's GPA. The student must initiate the course withdrawal process; failure to attend class does not constitute a formal course withdrawal.

After the course withdrawal period ends, a student may not withdraw from a course except in the most extenuating circumstances. Students should note that this policy typically applies only to situations that justify late withdrawal from all courses in which the student is enrolled, not to late withdrawal from one course. See the Withdrawal for Extenuating Circumstances policy. Failure to adhere to the published course withdrawal deadline in the University Calendar does not qualify as an extenuating circumstance under this policy.

A student who is withdrawing from the final course in which she/he is enrolled in a given term may do so either in person in the Registrar's Office or may submit a request to registrar@montevallo.edu through her/his official forUM e-mail account.

Please note that the Department of Veterans Affairs or the Department of Defense may require partial repayment if a student using veteran educational benefits withdraws from a course after the drop/add period. Students using veteran educational benefits who are considering a schedule change after the drop/add period should see the UM Coordinator of Veterans' Affairs. There may also be consequences for other student groups such as athletes or international students. Athletes must have approval from UM's Athletics Compliance Officer. International students must have approval from the Registrar's Office.

Course Withdrawal for Non-Attendance

In order to comply with Federal Regulations pertaining to the proper disbursement of financial aid, students are administratively withdrawn from classes which they have "never attended" as reported by instructors. Registration adjustments are made soon after the beginning of each term so that student financial accounts are updated in a timely manner. A student who attends or participates in a class for any length of time cannot be withdrawn from that class for having never attended.

Instructors are required to submit a date of last attendance for a student who receives a failing grade.
(F or NC) at the conclusion of each term. These dates may be used for the purpose of adjusting student financial accounts in order to ensure compliance with financial aid regulations.

Students are ultimately responsible for their class schedules and for completing the withdrawal process within the established deadlines. No course withdrawals for non-attendance will be processed after the conclusion of the term.

**Withdrawal from the University**

Students intending to withdraw from the University prior to the term withdrawal deadline must submit to the Registrar’s Office a withdrawal form signed by their department chair. Students receiving financial aid should consult the Office of Student Financial Services to determine the effect the withdrawal may have on their aid. Students residing on campus should notify the Office of Housing and Residence Life of their intent to withdraw and must check out of the residence hall within 24 hours of withdrawal. Completion of these procedures results in official withdrawal from the University, and a grade of W is recorded for each course. Courses will not appear on the student’s transcript if the withdrawal is completed prior to the conclusion of the add/drop period. Students may not withdraw from the University after the term withdrawal deadline, which is published in the University Calendar in this Bulletin, unless they are approved for a Withdrawal for Extenuating Circumstances (see Withdrawal for Extenuating Circumstances). Students who do not adhere to the withdrawal procedures will receive the appropriate grade(s) posted by faculty to the academic record at the conclusion of the term.

**Withdrawal for Extenuating Circumstances**

In the case of prolonged illness, debilitating accident, family emergency, or comparably serious personal situations that occur after the withdrawal deadline and that are beyond a student’s control, the student may request a withdrawal for extenuating circumstances. A student seeking a withdrawal for extenuating circumstances must withdraw from all courses for that term; a partial withdrawal for extenuating circumstances will typically not be approved. If a withdrawal for extenuating circumstances is granted, the student will receive a W for any course in which he/she is enrolled with a special notation on the transcript denoting extenuating circumstances.

**Process**

The student must complete the Withdrawal for Extenuating Circumstances form located on the Registrar’s web page, indicating last date of class attendance, and submit the form, along with an explanation of how the situation prevents completion of the term and documentation of the circumstances (medical documentation for student or immediate family member for whom the student is responsible, death certificate of family member, etc.). All required paperwork should be submitted to the Registrar’s Office in Palmer Hall as soon as possible but no later than 30 days following the end of the term for which the student is seeking a withdrawal for extenuating circumstances.

**Academic and Financial Considerations**

If a student receives a Withdrawal for Extenuating Circumstances, a grade of W will be assigned for each course in which the student is enrolled.

Financial considerations and academic standing should be taken into account prior to requesting a withdrawal for extenuating circumstances. Withdrawal from college may affect a student’s eligibility for health insurance coverage under a parent’s policy. Students should be aware that they must demonstrate Satisfactory Academic Progress (SAP) in order to avoid academic suspension and to continue to be eligible to receive financial aid. Low grades or excessive withdrawals may affect a student’s continued enrollment at UM or the student’s ability to receive financial aid in the future. See Satisfactory Academic Progress.

**Military Leave/Withdrawal**

The University of Montevallo is committed to supporting service men and women of the United States and the State of Alabama. Military students may apply for a Late Start or a Military Leave of Absence (MLOA) from the University if they are called to duty and must withdraw from the semester, leave prior to the end of the term, attend training during the semester or miss the beginning of the semester due to military orders. Details are available from the Coordinator of Veterans Affairs.

**Records**

**Transcript of Academic Record**

The transcript is a student’s official permanent academic record. The handling of transcripts and the retention and disposal of student records are in accordance with the guidelines of the American Association of Collegiate Registrars and Admissions Officers and the requirements of the Alabama University General Records Schedules.

Final grades for each term are reported to students through forUM/Banner Self Service. A printed copy of grades is available at no charge for currently enrolled students from the Registrar’s Office through the University’s website. Students who are not enrolled but who have fulfilled their financial obligations to the University may obtain their transcripts by requesting an official transcript through the University’s website. Transcript fees apply.
Confidentiality of Records
The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are as follows:

1) The right to inspect and review the student’s education records within 45 days of the day the University receives a request for access. Students should submit to the Registrar written requests that identify the record(s) they wish to inspect. The Registrar will make arrangements for access and notify the student of the time and place where the records may be inspected.

2) The right to request the amendment of the student’s education records that the student believes are inaccurate or misleading. Students should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.

   If the University decides not to amend the records requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3) The right to provide written consent before the University discloses personally identifiable information from the student’s education records, except to the extent that FERPA authorizes disclosure without consent.

   One exception which permits disclosure without a student’s prior written consent involves to school officials with legitimate educational interests. A "school official" is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted who performs an institutional service or function (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; a student serving on an official committee, such as a disciplinary or grievance committee; or a student employee assisting another school official in performing his or her tasks.

   A school official has a "legitimate educational interest" if the official needs to review an education record in order to fulfill his or her professional responsibilities for the University. The University may release without consent the following directory information: name, address, e-mail address, telephone numbers, major fields of study, date of birth, participation in officially recognized activities and sports, weight and height of student-athletes, most-recent educational institution attended, number of current hours in which the student is enrolled, student enrollment status (i.e. full or part-time), degrees and graduation dates, anticipated degrees and graduation dates, classification (i.e. freshman, sophomore, etc.), awards and honors, dates of attendance, and class schedule, (this latter only by the Police Chief or a designee). Students wishing to withhold directory information must fill out a "Request to Prevent Disclosure of Directory Information" form, which may be obtained in the Registrar’s Office.

4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University of Montevallo to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

   Family Policy Compliance Office
   U.S. Department of Education
   600 Independence Avenue, SW
   Washington, D.C. 20202-4605

Any complaints or questions should be addressed to the Registrar, Registrar’s Office, Palmer Hall, (205) 665-6040. There is also a complete copy of the University’s FERPA policy on file in the Registrar’s Office.

Special Programs
Honors Program
The mission of the University of Montevallo Honors Program is to provide intellectually talented students with specially designed academic offerings, co-curricular activities, and recognition.

   The academic dimension is composed of two types of honors classes. One type is designed to fulfill requirements in the General Education Program such as Honors Composition (ENG 103 and ENG 104), History of World Civilizations for Honors Students (HIST 103 and HIST 104), and Honors Foundations of Oral Communication (COMS 102). The other type of honors class, intended to supplement the student’s course work, consists of seminars on topics best considered in an interdisciplinary context. Seminars often include guest speakers or involve travel to special events or places. Included in the seminar classes are HNRS 100, an Introductory Honors Experience course for incoming students, and HNRS 400, the Honors capstone class called Golson Seminar that
is required of all Honors students.

Honors students are recognized for their achievements at special occasions during the academic year. Honors students will be awarded the Honors Certificate upon satisfactory completion of 18 hours of Honors credit, and they will be recognized at a Fall Honors recognition luncheon. Upon satisfactory completion of 26 Honors credit hours, including the Golson Seminar, students will graduate with "University Honors." Student graduating with "University Honors" will be recognized at a Spring Honors recognition luncheon, will receive Honors cords for graduation, and will have notations on their transcripts recognizing their participation in the Honors Program for the purpose of alerting prospective employers and graduate schools to the quality and extent of Honors work.

For information, contact the Honors Program Director at (205) 665-6501. The Honors Program office, classroom, and lounge are in Hill House. The Honors Residence is Ramsay Hall.

Honors courses are open to students in the Honors Program and also to all other Montevallo students by permission of the Honors Program Director and on a space-available basis. Not all courses are offered every semester. Inquiries are encouraged.

Honors Courses

Biology (BIO)
BIO 107 - Honors Introductory Biology I

Communication Studies (COMS)
COMS 102 - Honors Foundations of Oral Communication

English (ENG)
ENG 103 - Honors Composition I
ENG 104 - Honors Composition II
ENG 233 - Honors Global Literature: Perspectives Across Periods and Locations
ENG 234 - Honors Global Literature: Perspectives Within a Period or Location

History (HIST)
HIST 103 - History of World Civilizations for Honors Students (Prehistoric to 1500 A.D.)
HIST 104 - History of World Civilizations for Honors Students II (1500 A.D. to present)

Honors (HNRS)
HNRS 100 - Honors Introductory Experience
HNRS 300 - Vacca Seminar
HNRS 308 - Special Topics
HNRS 309 - Special Topics
HNRS 400 - Golson Seminar
HNRS 409 - Special Topics
HNRS 490 - Thesis/Project

Mathematics (MATH)
MATH 155 - Honors Nature of Mathematics

Music (MUS)
MUS 122 - Invitation to Listening (Honors)

Philosophy (PHIL)
PHIL 111 - Honors Introduction to Philosophy
PHIL 221 - Honors Ethics

Spanish (SPN)
SPN 103 - Honors Introductory Spanish I
SPN 104 - Honors Introductory Spanish II

Theatre (THEA)
THEA 122 - Honors Introduction to Theatre

Interdisciplinary Studies Major

The Interdisciplinary Studies Major is a self-designed course of study that permits students to combine features of more than one discipline in a program of study that may take the place of or complement a traditional major. Students interested in the individualized degree obtain application materials from the Chair of the Interdisciplinary Studies Oversight Committee (IDSOC). The committee will be comprised of the following: Coordinator of the Interdisciplinary Studies Program, one faculty member from each of the four colleges, and the Registrar.

The student works with a faculty mentor (depending on the proposal, it could be one or two faculty mentors working together with the student) to develop a program that follows the application guidelines. Students and their mentors should begin the application process as soon as appropriate for specific plans. Many students who apply to the IDSOC Committee do so during their sophomore or junior year although a student may be ready to apply as early as the second semester of his/her freshman year. Typically a student cannot apply after having earned 75 credit hours; however, exceptions may be approved by the IDSOC.

The application will be submitted to IDSOC for approval. A completed application packet includes the following:

- A title and compelling rationale for the individual program and a description of what the student intends to gain from the major.
- A specific list of required courses totaling at least 36 hours drawn from at least two different disciplines and/or colleges. Each semester the faculty mentor(s) will review progress toward the major with the student and determine if any changes need to be proposed and approved. At least 21 of the 36 hours must be at the 300 level or above. There will be a minimum of one 400-level course, IDS 400 , the capstone course. At least two-thirds of the major must be taken while a student is at UM. It is possible for BACHE courses to be included.

- A proposed plan of study for the major courses by semester that also serves as an approximate timetable for completion.
• A list of several student learning outcomes (these may be modified as the program progresses).
• A specific description of the capstone experience will be required for approval prior to the senior year. Some examples of a capstone experience are a senior thesis, an undergraduate research project, or an internship.
• The application must be signed by the faculty mentor(s) and the Coordinator of the Interdisciplinary Studies Program. The mentor will be responsible for the paper or project that fulfills the capstone experience.

Once the application is approved the student can declare a major in Interdisciplinary Studies. This declaration is contingent upon the Registrar's certification that the proposal meets all graduation requirements. No changes may be made in the approved program without written authorization from the IDSOC.

Students must maintain a minimum GPA of 2.5 in the major. The title of the individualized degree will be identified on the student's transcript at the time of graduation.

**Interdisciplinary Studies Course**
**Interdisciplinary Studies (IDS)**
IDS 400 - Capstone Experience

**UM Falcon Scholars in Action Program**
University of Montevallo Falcon Scholars in Action is an honors program in which 25 UM students are selected each year to serve clients in agencies and programs throughout Shelby County. Students selected are provided with a significant annual stipend from Shelby County in exchange for their service. Examples of services provided include GED/ACT/SAT preparation, tutoring, coordinating physical activities, and providing training in job skills, computer skills, and social skills. All majors are eligible. Students are chosen through a highly competitive application process and will be enrolled in UM 222, which can be taken for variable credit ranging from 0-3 credit hours. For more information and to apply, visit the University's website or contact the Office of Service Learning and Community Engagement at servicelearning@montevallo.edu.

**UM Falcon Scholars in Action Course**
**Interdisciplinary Studies (UM)**
UM 222 - UM Falcon Scholars in Action

**Study Abroad and Study Away**
Through Study Abroad or Study Away, students may complete one or more degree requirements through educational activities off campus. Such activities include - but are not limited to - undergraduate and graduate classroom study, research, intern- or externships, field studies, clinical or observational trials, and service learning accomplished for credit both outside the United States and through participation in the National Student Exchange. Local courses taken through the BACHE Consortium or transient courses transferred from local universities are not considered Study-Away courses. Study Abroad can include formal exchange programs with other universities, trips sponsored by the University of Montevallo, or trips sponsored by other institutions of higher education. The length of time can range from a few weeks to a full semester or academic year. Study Abroad or Study Away does not substitute for or relieve any residency requirements. Awarding of academic credit is dependent on the type of program and agreement under which the student studied. In all cases, students are encouraged to confirm academic credit arrangements before leaving campus.

**International and Intercultural Studies Courses**
**International and Intercultural Studies (IIS)**
IIS 299/399/499 Study Away

**Service Learning**
Service Learning is defined as a teaching and learning method that combines service objectives and learning objectives with a focus on promoting a deeper understanding of course content through real-world experiences that positively impact the community. These personal growth experiences provide an opportunity for critical, reflective thinking and for promoting a sense of civic responsibility. The University of Montevallo's Mission Statement, Vision Statement, and Strategic Plan explicitly identify service and informed citizenship as University emphases. Service Learning courses provide a mechanism by which university students can meet academic objectives while addressing community needs and gaining practical experience in their fields of study.

Students can participate in the Service Learning curriculum by enrolling in courses with SL designations. Students enrolled in SL courses are expected to complete the service activity(ies) specified in the syllabus. Students are prepared by their professors to conduct themselves in a professional manner and meet specific expectations of their service site such
as confidentiality, collegiality, punctuality, and appropriate attire. Benefits of student participation in Service Learning courses include the following:

- gaining a deeper understanding of course content
- developing collaboration and communication skills
- increasing awareness of social and community issues
- gaining experience in a specific field of study; and
- establishing professional contacts

Students who demonstrate excellence in service receive a cord at graduation. Criteria for recognition include the following:

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<thead>
<tr>
<th>Condition</th>
<th>GPA Requirements</th>
<th>Hours of Service</th>
<th>Course Requirements</th>
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<tbody>
<tr>
<td>a minimum GPA of 2.75 in the course</td>
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<tr>
<td>one of the following:</td>
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<td>300 documented hours of service to the community</td>
<td>4 Service Learning courses</td>
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<td></td>
<td>150 documented hours of service to the community and completion of two Service Learning courses</td>
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**Army Reserve Officer Training Corps**

The Army ROTC office is located on the University of Alabama at Birmingham (UAB) campus. Under the Cooperative Exchange Program and a partnership agreement, University of Montevallo students are eligible to participate.

ROTC is a program of leadership and skills training. Through hands-on training and classroom instruction by experienced, active-duty Army officers and Non-commissioned officers, men and women in ROTC develop invaluable skills that may enable them to rise above their peers in a professional civilian or military career. Students not only learn military skills, they learn how to lead, as well as how to organize and manage people, things, and tasks.

Qualified students may earn a commission as a Second Lieutenant with the opportunity to serve either full time in the active Army or part time in the National Guard or U.S. Army Reserve. Students compete for valuable two- and three-year, and other special ROTC scholarships.

**Additional Information**

For additional information about the Army ROTC program available to Montevallo students, contact:

UAB Army ROTC
501 12th Street South
Birmingham, AL 35294-4490
Phone: (205) 934-7215
website: [https://www.uab.edu/armyrotc/](https://www.uab.edu/armyrotc/)

**Curriculum**

For complete descriptions of Army ROTC courses, refer to the Courses of Instruction section of this Bulletin.

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**Military Training Courses**

**Air Force Reserve Officer Training Corps**

Air Force Reserve Officer Training Corps (AFROTC) is available to Montevallo students through a cooperative program with Samford University. Students enrolling in Air Force ROTC courses will attend classes on the Samford University campus. The AFROTC provides college men and women the opportunity to attain a commission as a Second Lieutenant in the United States Air Force upon graduation from college.

**Additional Information**

For additional information about Air Force Reserve Officer Training Corps programs available to Montevallo students, contact:

Unit Admissions Officer, Samford University
AFROTC Building, 800 Lakeshore Drive
Birmingham, AL 35229
Phone: (205) 726-2859

**Curriculum**

For complete descriptions of Air Force ROTC courses, refer to the Courses of Instruction section of this Bulletin.
Mission
The mission of the College of Arts & Sciences, educated citizens prepared for a diverse and changing world, underpins the University's unique public liberal-arts mission.

Goals
Through integrated learning experiences that foster deep learning, practical skills, and experience, students will develop these essential learning outcomes: higher order thinking skills, a substantial body of knowledge, a commitment to use and appreciate learning, effective communication skills, an awareness of human commonalities and differences, and a concern for the common good.

Degree Programs
The College of Arts and Sciences offers Bachelor of Science (B.S.) and Bachelor of Arts (B.A.) degree programs in the following areas:

- Biology
- Chemistry
- English (B.A. only)
- Environmental Studies
- Foreign Languages-concentration in French or Spanish (B.A. only)
- History
- Mathematics
- Political Science
- Psychology
- Social Science
- Social Work
- Sociology
- Speech-Language Pathology (B.S. only)

General Education
All students seeking an undergraduate degree at UM must complete a core General Education curriculum that includes courses in English, history, mathematics, the natural sciences, social sciences, fine arts, oral and written communication, and personal development.

The minimum requirements can be found in the General Education Credit Hour Requirements section of the Academic Programs and Policies page.

Accreditation
The College of Arts and Sciences has two accredited programs and one certified program. The undergraduate program in Social Work is accredited by the Council on Social Work Education. The undergraduate program in Chemistry has been authorized by the American Chemical Society (ACS) to offer an ACS-certified B.S. degree in Chemistry. The Master of Science (M.S.) in Speech-Language Pathology (SLP) program at the University of Montevallo is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA) of the American Speech-Language-Hearing Association, 2200 Research Boulevard #310, Rockville, Maryland 20850, 800-498-2071 or 301-296-5700.
Department of Behavioral and Social Sciences

Chair: Professor Truss (History)
Professors Barone (History), Day (History), Fallin (History), Gilbert (Psychology), Hultquist (History), Parker (Sociology), Turner (Political Science); Associate Professors Bawden (History), Doerfler (Political Science), Newell (Social Work), Assistant Professors Bare (Psychology), Bounds (Sociology), Caplow (Environmental Studies), Longo (Psychology), Lowry (Sociology), Tetloff (Social Work); Senior Clinical Instructor Duke (Social Work); Instructors Beal (Social Work), Eckelman (Political Science), Shepherd (Psychology).

General Education

Students majoring in History, Political Science, Psychology, Social Science, Social Work, or Sociology must complete two semesters of World Civilizations (HIST 101 & 102 or 103 & 104).

Several courses in Behavioral and Social Sciences fulfill the Social and Behavioral Sciences component of the UM General Education requirements: GEOG 231; POS 200, 250; PSYC 201; SOC 101; SWK 203, 260, 322.

Majors

Environmental Studies

Environmental Studies at the University of Montevallo is an interdisciplinary academic program that incorporates perspectives from the social and natural sciences, the arts and humanities, and business. The purpose of the program is to provide students with the skills, knowledge, and attitudes they will need as citizens and as members of the workforce to make informed decisions with respect to ecological issues. The overarching objective is to help students learn to balance present needs with those of future generations while promoting environmental justice and biological sustainability. A minor in Environmental Studies is also offered.

Students majoring in Environmental Studies must complete 37 hours of coursework including ES 200, 205, 350, 475, BIO 205, as well as approved ES electives. Environmental Studies majors are not required to have a minor.

History

Students majoring in history must take 36 hours of history courses, including HIST 101, 102, 211, 212, 310, and 491; at least two non-U.S. history courses numbered 300 and above; GEOG 231; and 12 credit hours of 300-400 level history electives. HIST 101 and 102 are prerequisites for all upper-level history courses, and HIST 211 and/or 212 are prerequisites for many U.S. history electives. History majors take a comprehensive content examination in the senior seminar (HIST 491). History majors are not required to have a minor.

Political Science

Students majoring in political science must complete POS 200, 250, 370, 385, 455, 475, and 499, GEOG 231, and 9 additional hours of electives in the subject. Political Science majors take the Major Field Achievement Test (MFAT) prior to graduation. Political Science majors are not required to have a minor.

Psychology

Students majoring in psychology must take 36 hours of psychology courses, including PSYC 201, 300, 306, 310, 321, 340, 425, and 499. Psychology majors take a major achievement test (ACAT) in Psychology during their senior year. Psychology majors are not required to have a minor.

Social Sciences

Students majoring in social science must complete 54 hours in social-science courses, including HIST 211 and 212; one non-U.S. history elective; POS 200 and 455; POS elective; SOC 101; two SOC electives; GEOG 231; one GEOG elective; EC 231; HIST 310, POS 370, or SWK 355; HIST 491, POS 499, or SOC 480; and 12 additional hours from one of the following fields: history, political science, sociology. Social Science majors take a comprehensive content examination in the senior seminar. Social Science majors are not required to have a minor.

Social Work

Students majoring in social work must earn a grade of C or better in all social work courses. Students must have an overall GPA of 2.3 or better and an overall GPA of 3.0 or better in all social work courses. The primary goal of the Social Work major is to prepare students for beginning generalist social work practice. The program is accredited by the Council on Social Work Education to provide such education at the undergraduate level. Upon graduation, students may apply for licensure at the baccalaureate level and for advanced standing in graduate schools of social work.

To be fully admitted to the program in the junior year, a student must:

- complete a prescribed list of courses, which is identified in the Social Work Student Handbook, and interview with the Director of the Social Work Program;
- have an overall GPA of 2.3 or better;
- have a GPA of 3.0 or better in SWK 203 and 322 and in PSYC 306; and
- complete the application process described in the Social Work Student Handbook.

Students must be admitted to the professional social work program prior to being admitted to the social work practicum program. To be admitted into the social work practicum program, a student must:
• complete a prescribed list of courses, which is identified in the Practicum Program Manual;
• have an overall GPA of 2.3 or better;
• have an overall GPA of 3.0 or better in all social work courses; and
• complete the admission process described in the Practicum Program Manual.

Academic Support Area—Social Work majors must take the following support courses for the major: EC 231 or 232, POS 200 and 250, PSYC 300 or MATH 157, PSYC 306; and PSYC 310 or SWK 380.

Sociology

The University of Montevallo offers a major and a minor in Sociology. Majors may pursue either a B.A. or a B.S. degree. A concentration in criminology is also available. The program includes courses on social problems, social stratification, social change, criminology, environmental issues, gender, race and ethnicity, and additional special topics.

Students majoring in sociology must complete SOC 101, 240, 324; 355 or POS 370; 480 and 499. An additional 15 hours of electives must be taken in sociology or anthropology. Students pursuing the criminology concentration will complete 15 hours of electives focused on topics of crime, deviance, and social control. Upon declaring sociology as a major, the student will establish a portfolio of work. Term papers, research projects, and other course materials will be kept on file. These materials will assist the faculty in advising students and working with them in constructing post-graduation plans. An exit interview is required of all graduating seniors. This will provide students with the opportunity to critique the quality of education provided by the sociology program. Seniors take the MFAT (given only during the spring semester), a standardized exam used by the program to assess its performance. Students have the option of making their scores a part of their permanent record. Sociology majors are not required to have a minor.

Minors

Environmental Studies

The Environmental Studies minor consists of ES 200, 250, 475; and nine elective hours from the following courses: ES 300, 401, 310, 410.

History

The History minor consists of 18 hours in history courses numbered 200 and above, including HIST 211, 212, and at least one course in non-U.S. history.

Human Rights and Public Service

The Human Rights and Public Service minor helps students interested in service learning to prepare for graduate studies or careers in the fields of human rights, political science, or international relations. It may also be of interest to students interested in expanding their citizenship skills through civic action. The minor requires 18 hours, consisting of POS 200, 385, 475, and 495, and two courses chosen from the following: ES 300; ES 310/POS 303; PHIL 230, 320; POS 340, 360, 455; HIST 423; SOC 324, 411; SWK 203; UR 300/400.

Human Services

The Human Services minor introduces students to social-welfare systems, human behavior and the social environment, and helping systems. The minor requires SWK 203 and 322 and four electives chosen from the following: PSYC 307, 321, 352; SOC 324, 401; SWK 260, 373; SOC/SWK 380. Students may not count a course toward both their major and this minor.

Political Science

The Political Science minor consists of POS 200, 250, 455, and 475; GEOG 231; and 6 additional elective hours in the political science courses.

Pre-Law

The Pre-Law minor consists of 18 hours of required and elective interdisciplinary courses, selected in order to introduce undergraduate students to subjects that are required in law school and tested on the Alabama Bar Examination and to develop appropriate skills for subsequent legal education and research. Most law schools emphasize the importance of a broad liberal arts background and seldom prescribe any particular major for pre-law students. The minor requires BL 283; POS 200 and 475; and 9 credit hours of elective courses chosen from the following: POS 250, 380, 385; POS 370; SOC 342; BL 384; AC 221, 222, 421; and HIST 441, 442. Students interested in attending law school should consult the pre-law adviser, Dr. Doerfler, early in their college career. The University of Montevallo also maintains an agreement with Cumberland Law School at Samford University by which students may attend UM for 3 years and, after admission to Cumberland, transfer law-school coursework to complete the final year of undergraduate work. This agreement allows students to complete their bachelor’s degree and their law degree in 6 years. Contact the pre-law advisor for additional information on this 3+3 program.

Psychology

The Psychology minor consists of PSYC 201 and 15 additional hours of psychology electives.

Sociology

The Sociology minor consists of SOC 101 and at least 15 additional hours in sociology.

Internships

Faculty in Behavioral and Social Sciences encourage participation in internships. The history and political science programs regularly offer internships, especially in the summer terms. Social Work majors complete a practicum as part of their course curriculum. Contact faculty in the pertinent programs for additional information.

Courses in Behavioral and Social Sciences

Note: 400-level courses may be cross-listed with 500-level (graduate) courses.

Anthropology

ANTH 210 - Introduction to Anthropology
ANTH 211 - Introduction to Archaeology
ANTH 311 - Selected Topics in Anthropology
ANTH 410 - Theory and Methods in Anthropology

**Environmental Studies**
ES 200 - Environment and Society
ES 250 - Principles of Sustainability
ES 300 - Interdisciplinary Approaches to Environmental Studies
ES 310 - Special Topics in Environmental Studies
ES 350 - Environmental Policy
ES 401 - Interdisciplinary Approaches to Environmental Studies
ES 410 - Special Topics in Environmental Studies
ES 475 - Environmental Studies in Action
ES 480 - Environmental Studies Independent Project

**Geography**
GEOG 231 - World Regional Geography
GEOG 303 - Selected Topics in Regional Geography
GEOG 331 - Human Geography
GEOG 332 - Physical Geography
GEOG 375 - Geography of the United States and Canada
GEOG 405 - Urbanism and Sustainability
GEOG 411 - Selected Topics in Geography
GEOG 466 - Political Geography

**History**
HIST 101 - History of World Civilizations I
HIST 102 - History of World Civilizations II
HIST 103 - History of World Civilizations for Honors Students (Prehistoric to 1500 A.D.)
HIST 104 - History of World Civilizations for Honors Students II (1500 A.D. to present)
HIST 211 - History of the United States
HIST 212 - History of the United States
HIST 303 - Selected Topics in History
HIST 310 - Introduction to Historical Study
HIST 325 - Women's History
HIST 363 - History of Europe Since 1815
HIST 380 - History of Latin America
HIST 411 - Selected Topics in History
HIST 423 - Civil Rights Movement
HIST 424 - Colonial Latin America
HIST 425 - Modern Latin America
HIST 426 - U.S.-Latin American Relations: 1820 to present
HIST 431 - Cold War Latin America
HIST 432 - History of French Film
HIST 433 - Modern Brazil
HIST 435 - History of Modern Japan
HIST 441 - History of England I-From the Roman Conquest to 1603
HIST 442 - History of England II-1603 to the Present
HIST 444 - The Islamic World
HIST 447 - Medieval European History, 476-1400
HIST 448 - Renaissance and Reformation, 1300-1563
HIST 455 - The French Revolution and the Napoleonic Era, 1789-1815
HIST 458 - History of Germany, 1871-1945
HIST 460 - History of the South
HIST 461 - History of Early Modern Europe, up to 1789
HIST 465 - History of France Since 1815
HIST 470 - Colonial America
HIST 471 - Revolutionary America
HIST 472 - History of Alabama
HIST 473 - African-American History
HIST 474 - Jeffersonian-Jacksonian America
HIST 476 - The Civil War and Reconstruction Era, 1850-1877
HIST 477 - The Gilded Age
HIST 479 - History of Alabama’s Constitutions
HIST 480 - Diplomatic History of the United States
HIST 481 - The United States, 1900-1945
HIST 482 - The United States Since 1945
HIST 483 - History of Africa
HIST 484 - U.S. Wars-Korea and Vietnam
HIST 490 - Directed Reading and Independent Study
HIST 491 - Senior Seminar in History
HIST 495 - Internship in History

**Political Science**
POS 200 - American National Government
POS 250 - State and Local Government
POS 303 - Selected Topics in Political Science
POS 309 - Science Fiction and Politics
POS 310 - National Parks and Public Lands
POS 315 - African Politics
POS 320 - Political Film
POS 340 - World Politics
POS 350 - Model United Nations
POS 355 - Model Arab League
POS 360 - Citizenship and Public Service
POS 370 - Research Methods in Social Sciences
POS 380 - Foundations of Political Thought
POS 385 - Modern Political Thought
POS 405 - Great Books in Political Thought
POS 411 - Selected Topics in Political Science
POS 422 - American Political Thought
POS 443 - Middle East
POS 444 - Public Policy
POS 450 - Global Policy Studies
POS 455 - International Relations
POS 475 - Constitutional Law
POS 490 - Directed Reading in Political Science
POS 495 - Government Internship
POS 499 - The Science of Politics

**Psychology**
PSYC 201 - Foundations in Psychology
PSYC 300 - Descriptive Statistics
PSYC 304 - Special Topics in Psychology I
PSYC 305 - Special Topics in Psychology II
PSYC 306 - Lifespan Developmental Psychology
PSYC 307 - Psychology of Death
PSYC 310 - Psychopathology
PSYC 311 - Drugs, Brain, and Behavior
PSYC 312 - Psychology in Film
PSYC 321 - Social Psychology
PSYC 340 - Cognitive Psychology
PSYC 345 - Principles of Learning
PSYC 350 - Forensic Psychology
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<td>PSYC 499</td>
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Department of Biology, Chemistry, and Mathematics

Chair: Professor Byrd (Chemistry)
Professors Bharara (Chemistry), Hardig (Biology), Sterner (Mathematics), Tidwell (Chemistry), Tyler (Mathematics); Associate Professors Herron (Mathematics), Hope (Physics), Morris (Mathematics), Noerager (Biology), Wicknick (Biology); Assistant Professors Brande (Geology), Martin (Games Studies and Design), Mathews (Chemistry), Maxwell (Mathematics), Morgan (Mathematics), Sestero (Biology), Tinsley (Biology), Varagona (Mathematics); Instructors Benford (Biology), Eloff (Mathematics).

Majors

The department offers bachelor's degrees in biology, chemistry, and mathematics.

Biology

The student majoring in Biology must complete BIO 101, 105, 106, 205, 206, 307, 490 and 16 hours of biology courses numbered 300 or above (at least 4 credit hours of which must be either BIO 310, 380, 390, 460, or 470; CHEM 121, 122, 221, and 222 or 370; PHYS 201 and 202, or 241 and 242; MATH 157 and 150 (MATH 144 and 149 may be substituted for MATH 150). As a graduation requirement of the major, a student must have a minimum 2.0 (C) average in the major.

Marine Science Courses

The University is a member of the Marine Environmental Sciences Consortium, a public, non-profit corporation dedicated to providing marine education, research, and service to Alabama. UM students focusing on marine science will study at the Consortium's Dauphin Island Sea Laboratory, Dauphin Island, Alabama. Students register and pay tuition for these courses at Montevallo.

A minimum of 16 semester hours of biology is required before any 400-level course in marine science may be taken. Admission into all courses is subject to the consent of the instructor.

The following courses do not apply toward a major or minor in Biology: MSCI 445, 451, 460, 484, and 486. Students who wish to major in Biology with emphasis in Marine Biology should consult the department chair.

Chemistry

The Chemistry program has been authorized by the American Chemical Society (ACS) to offer an ACS-certified B.S. degree in chemistry. The student majoring in chemistry pursuing the ACS certified degree must complete CHEM 185, 121, 122, 221, 222, 320, 321, 322, 370, 420, 450, 490, 491, 380 or 431, and;

MATH 170 and 171; PHYS 201 and 202, or 241 and 242. Students are required to have 400 laboratory hours above the general chemistry sequence.

The student majoring in chemistry must complete CHEM 185, 121, 122, 221, 222, 320, 321, 322, 450, 490, 491, and 6 hours from CHEM 370, 380, 420, 431, or 440; MATH 170 and 171; PHYS 201 and 202, or 241 and 242.

The student majoring in chemistry with a concentration in biochemistry must complete BIO 105, 206, and 307; CHEM 185, 121, 122, 221, 222, 320, 321, 370, 450, 490, and 491; MATH 170; PHYS 201 and 202, or 241 and 242. As a graduation requirement of the major, a student must have a minimum 2.0 (C) average in the major.

Mathematics

The student majoring in mathematics must complete MATH 170, 171, 185, 247, 261, 271, 272, 310, 390, 470, 484, and 485; and 8 credit hours in one of the following at the 200 level or above: biology, chemistry, or physics.

For a B.A. degree in Mathematics, the student must take an additional 12 credit hours of MATH at the 300 level or above and 3 credit hours of MATH at the 400 level, as well as complete the University requirements for a B.A. degree.

For a B.S. degree in mathematics, a student must complete either Option 1 (Pure Track) or Option 2 (Applied Track), and the University requirements for a B.S. degree in mathematics. Option 1 (Pure Track) consists of MATH 376, 440, 480, 3 additional credits at the 200 level or above, and 3 additional credits at the 300 level or above. Option 2 (Applied Track) consists of 6 credits from MATH 330, 336, and 350, an additional 6 credits at the 300 level or above, and an additional 3 credits at the 400 level. As a graduation requirement of the major, a student must have both a minimum GPA of 2.0 for all courses in the major, as well as a minimum GPA of 2.0 in all upper-division (300 level or above) mathematics courses. Only the highest grade a student earns in each course will be used in calculating these GPAs.

Minors

Biology

The biology minor consists of BIO 105 and 106; BIO 205 or 206; and 8 additional hours in biology courses, with at least 4 hours from courses numbered 300 or above.

Chemistry

The Chemistry minor consists of CHEM 121, 122, 221, 222, 320, and one additional course from the following: CHEM 321, 370, 420, 450.

Game Studies and Design

A Game Studies and Design minor consists of 21 credit hours, comprised of GSD 210, 225, 301, 302, and MATH 202, and two additional courses from the following: ART 132; ENG 361; GEOG 303 (Introduction to Geographic Information Systems only); GSD
Mathematics
A Mathematics minor consists of MATH 170, 171, and 272, and at least 6 hours of MATH electives at the 200 level or above.

Pre-Engineering Program
A student entering the pre-engineering program concentrates the first two years on completing basic courses in mathematics, physics, chemistry, and humanities. At the conclusion of the second year, the student transfers to the engineering school of choice to complete the B.S. degree in engineering. A suggested curriculum follows the curricula for mathematics majors.

Dual-Degree Engineering Programs
UM currently has dual-degree program agreements with the engineering schools and colleges of Auburn University, The University of Alabama (Tuscaloosa), University of Alabama at Birmingham, and University of Alabama in Huntsville (UAH). In three years at UM, a student in one of these programs completes 96 semester hours, which include all of UM’s general education requirements and all course requirements of the B.S. degree in mathematics. After successful completion of those three years, the student transfers to the engineering college of his or her choice. Those universities offer the following areas of concentration:

- Auburn: aerospace, agricultural, chemical, civil, computer, electrical, industrial, materials, mechanical, or textile;
- UA: aerospace, architectural, chemical, civil, electrical (computer engineering option available), environmental, industrial, mechanical, metallurgical, or computer science;
- UAB: biomedical, civil, electrical, materials, or mechanical;
- UAH: aerospace, chemical, civil and environmental, computer, electrical, industrial and system, mechanical, or optical.

Upon successful completion of study of a specific engineering curriculum, the student is awarded two degrees: a bachelor’s degree in Engineering and a B.S. in Mathematics from UM. Students interested in a dual-degree program should contact Assistant Professor Hope for details.

Pre-Professional Programs
Chair of the Health Professions Advisory Committee: Associate Professor Noerager
A wide variety of pre-professional programs may be planned that will fulfill specific requirements for admission to either allopathic or osteopathic medical schools, while allowing students to pursue their individual academic interest. Students should consult the catalogs of particular health-professions schools for specific information on admissions requirements. Independent of academic advising for their majors, students can be advised regarding their preparation for admission to health-professional school by the Health Professions Advisory Committee in the Department of Biology, Chemistry, and Mathematics. Health-professions advising assignments will be made by Dr. Noerager, based on the professional and educational goals of the student. It is important that all students interested in health-professions careers, regardless of educational majors, contact Dr. Noerager prior to registration for courses, so that programs of study for the health professions can be outlined. When applying to professional programs, the student may request an evaluation letter from the Health Professions Advisory Committee. This evaluation letter will be based in part on information from two academic recommendation letters, which should be sent to Dr. Noerager, Chair, Health Professions Advisory Committee. The student is responsible for requesting the two recommendation letters and for informing the Advisory Committee to which schools the evaluation letter should be sent.

Pre-Medicine and Pre-Dentistry
Medical and dental schools emphasize the need for applicants to have a broad general education and in-depth experience in a single discipline. Therefore, most require that the undergraduate program include: one academic year of general biology (BIO 105, 106); one academic year each of inorganic or general chemistry (CHEM 121, 122) and organic chemistry (CHEM 221, 222); English composition (ENG 101, 102) and additional English courses; one semester of precalculus (MATH 150); one academic year of physics (PHYS 201 and 202, or 241 and 242); and one academic year in the humanities. Within that context, applicants are urged to select some courses from appropriate areas in science (e.g. BIO 206, 300, 307, 341, 342, 410, 430, 430; CHEM 320, 370), and those areas of the social sciences and humanities that prepare students for the humanistic, behavioral, and socioeconomic aspects of health care. At Montevallo, these recommendations can be met in several programs of study leading to a variety of majors and minors.

Applications to medical and dental schools should be submitted approximately one year prior to the expected date of enrollment. Most medical schools require the Medical College Admission Test (MCAT), which is administered several times a year. Dental schools have the same requirement for their test, the Dental Admission Test (DA). Normally these tests should be taken during the summer after the junior year.

Pre-Optometry
Applicants to an optometric program must have completed 90 credit hours prior to matriculation. No more than 60 credit hours earned at a two-year college

295, 395: MK 351; THEA 314, 318; and undergraduate research (on individual basis).
may be applied toward this requirement, and applicants with a bachelor's degree are given preferential consideration. The following courses are general prerequisites: BIO 105, 106, 300; CHEM 121, 122, 221; ENG 101, 102; MATH 147, 170; PHYS 201 and 202, or 241 and 242. All applicants must take the Optometry Admission Test (OAT), submit letters of recommendation, and take part in an interview. Contact the Health Professions Advisory Committee for more information.

**Pre-Pharmacy**

Admission requirements differ greatly between the two pharmacy schools in Alabama. In either case, the pre-pharmacy curriculum is a two-year program. Students usually submit an application to the professional school of their choice during the Spring Semester of the sophomore year. Consult the Health Professions Advisory Committee for assistance in planning for the school of your choice.

**Pre-Nursing**

Students interested in studying nursing should contact the Chair of the Department of Biology, Chemistry, and Mathematics.

### Courses in Biology, Chemistry, and Mathematics

#### Biology

BIO 100 - Principles of Biology  
BIO 101 - The Freshman Experience in Biology  
BIO 105 - Introductory Biology I  
BIO 106 - Introductory Biology II  
BIO 107 - Honors Introductory Biology I  
BIO 201 - Human Anatomy and Physiology I  
BIO 202 - Human Anatomy and Physiology II  
BIO 205 - Ecology  
BIO 206 - Genetics  
BIO 300 - Microbiology  
BIO 307 - Molecular Cell Biology  
BIO 310 - Plant Systematics  
BIO 341 - Anatomy  
BIO 342 - Physiology  
BIO 380 - Invertebrate Zoology  
BIO 390 - Animal Behavior  
BIO 405 - Biological Topics in Environmental Studies  
BIO 410 - Histology  
BIO 420 - Parasitology  
BIO 425 - Molecular Techniques  
BIO 430 - Developmental Biology  
BIO 435 - Conservation Biology  
BIO 440 - Evolution  
BIO 450 - Immunology  
BIO 460 - Field Botany  
BIO 470 - Vertebrate Field Zoology  
BIO 475 - Special Topics in Biology  
BIO 480 - Special Problems in Biology  
BIO 490 - Senior Seminar in Biology

#### Chemistry

CHEM 100 - Fundamentals of Chemistry  
CHEM 101 - Basic Chemistry I  
CHEM 102 - Basic Chemistry II  
CHEM 121 - General Chemistry I  
CHEM 122 - General Chemistry II  
CHEM 185 - Survey of Chemistry  
CHEM 221 - Organic Chemistry I  
CHEM 222 - Organic Chemistry II  
CHEM 255 - Chemical Computations  
CHEM 320 - Analytical Chemistry  
CHEM 321 - Physical Chemistry I  
CHEM 322 - Physical Chemistry II  
CHEM 370 - Biochemistry I  
CHEM 375 - Environmental Sampling  
CHEM 380 - Special Projects in Chemistry  
CHEM 420 - Advanced Inorganic Chemistry  
CHEM 421 - Advanced Physical Organic Chemistry  
CHEM 431 - Research Project  
CHEM 440 - Special Topics in Chemistry  
CHEM 450 - Instrumental Analysis  
CHEM 490 - Chemistry Seminar I  
CHEM 491 - Chemistry Seminar II

#### Geology

GEOL 110 - Physical Geology  
GEOL 115 - Historical Geology  
GEOL 120 - Introduction to Planetary Science

#### Marine Science

MSCI 300 - Marine Biology  
MSCI 305 - Biology and Conservation of Marine Turtles  
MSCI 315 - Shark Biology  
MSCI 320 - Horseshoe Crabs  
MSCI 400 - Marine Vertebrate Zoology  
MSCI 404 - Marine Conservation Biology  
MSCI 405 - Dolphins and Whales  
MSCI 407 - GIS Basics for Coastal and Marine Environments  
MSCI 408 - GIS Applications for Coastal and Marine Environments  
MSCI 410 - Marine Invertebrate Zoology  
MSCI 412 - Marine Aquaculture  
MSCI 415 - Marine Mammals  
MSCI 420 - Coastal Ornithology  
MSCI 421 - Coastal Birds of Alabama  
MSCI 425 - Commercial Marine Fisheries of Alabama  
MSCI 430 - Marine Botany  
MSCI 445 - Introduction to Oceanography  
MSCI 447 - Oceanology of the Gulf of Mexico  
MSCI 451 - Coastal Climatology  
MSCI 460 - Marine Geology  
MSCI 468 - Marine Behavioral Ecology  
MSCI 469 - Coral Reef Ecology  
MSCI 470 - Marine Ecology  
MSCI 475 - Coastal Wetlands Ecology
Department of Communication Science and Disorders

Chair: Professor Murdock
Professor Armstrong; Associate Professors Edwards, Gaskill, Valentine; Assistant Professor Rich;
Clinical Director Chatman; Clinical Supervisor Cheslock.

Mission

The mission of the Department of Communication Science and Disorders is to establish and provide distinctive academic programs for students in Speech-Language Pathology, collaborations with community partners, and service to individuals with communication disorders across the life span.

The department is committed to preparing students to become dedicated, competent clinical leaders in the field of Speech-Language Pathology. The curriculum emphasizes the problem solving and critical thinking skills necessary to become strong clinical professionals capable of serving a diverse client population.

Majors

The Department grants the B.S. degree in Speech-Language Pathology (SLP) and the M.S. degree in Speech-Language Pathology (SLP).

Each student in the Department must earn a grade of C or better in all departmental courses. This policy applies to all CSD courses. If a grade below C is received in a required CSD course, the course must be repeated. Prerequisite courses must be passed with a C or better before subsequent courses may be taken. (For example, SLP majors must make a C or better in CSD 411—Introduction to Audiology before they can take CSD 471—Aural Rehabilitation. Other prerequisite courses are noted in the course listings.) In fulfillment of the science requirement, SLP majors are required to take Biology and either Chemistry or Physics.

Admission to the Junior Class

Admission to the junior class is required for a student to continue toward a B.S. degree in SLP. Following are the requirements for admission to the junior class:
• complete the required 60 hours for junior status;
• attain an overall GPA of 2.75 or better on all work attempted;
• complete specified courses in Speech-Language Pathology (CSD 101, 253, and 291) with a grade of C or better in each course;
• Demonstrate appropriate social and behavioral attributes; and
• once admitted, maintain an overall GPA of 2.75 or better and maintain appropriate social and behavioral attributes.

MSCI 476 - Marine Fish Diseases
MSCI 477 - Marine Protozoology
MSCI 480 - Marine Technical Methods
MSCI 484 - Coastal Zone Management
MSCI 485 - Research on Special Topics
MSCI 486 - Coastal Geomorphology
MSCI 489 - Introduction to Neurobiology
MSCI 490 - Seminar

Mathematics

MATH 131 - Intermediate Algebra
MATH 144 - Pre-Calculus Algebra
MATH 147 - Finite Mathematics
MATH 149 - Pre-Calculus Trigonometry
MATH 150 - Pre-Calculus Algebra and Trigonometry
MATH 154 - The Nature of Mathematics
MATH 155 - Honors Nature of Mathematics
MATH 157 - Introduction to Statistics
MATH 160 - Basic Mathematics for Elementary Teachers I
MATH 162 - Basic Mathematics for Elementary Teachers II
MATH 170 - Calculus I
MATH 171 - Calculus II
MATH 185 - Survey of Mathematics
MATH 202 - Mathematics of Games
MATH 205 - Introduction to the History of Mathematics
MATH 247 - Introduction to Discrete Mathematics
MATH 261 - Introduction to Programming and Computer Algebra Systems
MATH 271 - Sequences, Series, and Indeterminate Forms
MATH 272 - Calculus III
MATH 295 - Special Topics
MATH 299 - Independent Study
MATH 310 - Foundations of Mathematics
MATH 330 - Numerical Analysis
MATH 336 - Mathematical Statistics
MATH 350 - Differential Equations
MATH 376 - Complex Analysis
MATH 387 - Graph Theory
MATH 390 - Linear Algebra
MATH 395 - Special Topics
MATH 399 - Independent Study
MATH 440 - Abstract Algebra
MATH 470 - Real Analysis
MATH 480 - Topology
MATH 484 - Directed Reading in Mathematics
MATH 485 - Senior Seminar
MATH 495 - Special Topics
MATH 498 - Mathematics Colloquium
MATH 499 - Independent Study

Physics

PHYS 100 - Introductory Physics
PHYS 201 - College Physics I
PHYS 202 - College Physics II
PHYS 241 - University Physics I
PHYS 242 - University Physics II
PHYS 350 - Modern Physics
Note: In general, CSD courses are only available to students who are declared SLP majors. However, CSD 101, 385, and 401 are available to students outside the major.

Master's Degree

Persons interested in obtaining the Certificate of Clinical Competence from the American Speech-Language-Hearing Association (ASHA) and a license to practice in their chosen state will be required to complete a Master's degree in Speech-Language Pathology. Refer to the Graduate Bulletin for more information on the M.S. SLP program.

Courses in Communication Science and Disorders

CSD 101 - Survey of Communication Disorders
CSD 253 - Applied Phonetics in Communication Disorders
CSD 291 - Normal Language Development
CSD 380 - Anatomy and Physiology of Speech
CSD 385 - Multicultural Issues
CSD 393 - Language Disorders: Assessment and Intervention
CSD 394 - Articulation and Phonological Development: Assessment and Intervention
CSD 401 - Introduction to Clinical and Educational Interventions for Autism
CSD 411 - Introduction to Audiology
CSD 463 - Clinical Observation
CSD 464 - Senior Seminar
CSD 471 - Aural Rehabilitation
CSD 473 - Introduction to Medical Speech-Language Pathology
CSD 475 - Speech Science
CSD 481 - Clinical Policies and Procedures
CSD 495 - Introduction to Voice and Fluency Disorders
CSD 498 - Special Studies in Communicative Disorders

Department of English and Foreign Languages

Chair: Associate Professor Mahaffey (African American Literature, Cultural Studies, and Theory)
Professors Murphy (Creative Writing, Modern and Contemporary Poetry), Patton (Analytic Metaphysics, Early Modern Philosophy), Rozelle (Ecocriticism and 20th Century American Literature), Vazquez-Gonzalez (Spanish), Webb (British Romanticism, Children's Literature, Adolescent Literature): Associate Professors Ayotte (French Interdisciplinary Studies), Forrester (Philosophy of Art, Kant's Aesthetics, Philosophy of Mind), Inglesby (20th Century British, Irish, and American Literature, Modernism), Stoops (Romance Languages), Vaccarella (Spanish): Assistant Professors Atwood (Renaissance and Early Modern Studies), Beringer (19th Century British, Irish, and American Literature, Modernism), Rickel (Postcolonial Literature), Wear (18th Century Literature), Wurzbacher (Creative Writing), Instructor Turner (Spanish).

Majors

The department offers the B.A. degree with majors in English and in Foreign Languages with a concentration in French or Spanish. At times there are elective courses in German.

The B.A. degree requires completion of the second-year sequence of a foreign language.

English

Students who major in English must take 36 hours in English courses numbered 300 or above. The 36 hours must include the following:

- 3 hours in ENG 300, Introduction to the Major;
- 9 hours in ENG 305, 306, and 307, Introduction to the Study of British and American Literature;
- 3 hours in a course that focuses on the writings of one or two authors (ENG 405);
- 3 hours in a course that focuses on a genre (ENG 411, 412, 413, 414, 415, or 419);
- 3 hours in a course that focuses on texts of a specific cultural or historical period (ENG 423, 424, 425, 426, 427, 428, 431, 432, or 439);
- 3 hours in a course that analytically studies the history, structure, or use of language or of texts (ENG 452, 454, or 455);
- 3 hours in Diverse Voices, a study of texts that present perspectives or voices historically not taught in British or American literature (ENG 471, 472, 473, 474, or 475);
- 3 hours in ENG 485, Senior Seminar: A Capstone Course for English majors; and
• 6 additional hours in English courses numbered 300/400 and above.

Of the 27 hours in courses other than ENG 305, 306, and 307, at least 6 hours must be in literature written before 1800, and at least 6 hours must be in literature written after 1800. In addition, of these 27 hours, at least 3 hours must be in courses primarily about American literature, and at least 3 hours must be in courses primarily about British literature.

A single course can satisfy only one of the nine requirements.

   English majors must complete either:
   1. a minor in a selected field, or
   2. a departmentally approved minor area of concentration.

Candidates who wish to pursue the English/Language Arts Alternative Master’s program must successfully complete 32/19 (32 hours with 19 hours at the 300/400 level) and have at least one course in each of the following areas: English, theatre, speech, journalism (MC 200), and grammar.

Foreign Languages

A degree in Foreign Languages can lead to various careers, from teaching to translation to business. The importance of language skills in the professional world is increasingly evident, and second-language skills will enhance career options, particularly in fields related to health and human services and customer service. Students planning to pursue graduate study may find a double major with a language a valuable asset.

Students wishing to begin French or Spanish at an advanced level (that is, above 101) and who do not already have college credit for the language in question may take the Department’s placement exam. Departmental faculty evaluate the results of the exam to determine the appropriate level of study. Students may register for a course lower than indicated by the exam, but not higher. The exam is offered to new students during summer preregistration and to other students by appointment. Contact the Foreign Languages office for more information.

The department offers the B.A. degree in Foreign Languages with a concentration in French or Spanish. Students who major in Foreign Languages must take 39 hours of the following:

• 3 hours from FL 300, 301, 302, or 303; or 3 hours upper-level French/Spanish class;
• 6 hours from CSD 385; GEOG 231, 331; HIST 363, 380, 447, 448, 455, 461, 465, 483; MG 308, 465; POS 340, 455; SOC 445;
• 6 hours from FL 395 or two upper-level French/Spanish classes;
• FL 480; and
• 18 hours in Target Language courses 301, 302; 331 or 332; 341, 342, 344, or 345; and two classes numbered 300 or above.

Minors

English

The English minor requires completion of 18 hours in English courses numbered 300 or above.

French

The French minor requires completion of FRN 301 and 302 and an additional 6 hours of French courses numbered 300 or above.

Latin American Studies

The Latin American Studies minor requires completion of 18 credit hours from the following, with at least 6 hours in the Behavioral and Social Sciences program and at least 6 hours in French/Spanish: ANTH 210, FRN 321, 323, 332, 342, 344, 345; GEOG 231, 303 (when approved); HIST 424, 425, 426, 431, 433 (when approved); SPN 320, 332, 342, 343, 344, 345. Courses applied to the requirements for the Foreign Language concentration may also be counted toward the Latin American Studies minor. Students are responsible for any prerequisites for advance coursework within or outside the Department of English and Foreign Languages. The Latin American Studies minor promotes awareness of new immigrant groups in Alabama (informed citizenship) and provides students with superior tools to interact with the people of Latin America in professional and civic settings.

Philosophy and Religion

The Philosophy and Religion minor requires 18 credit hours in any combination of the two disciplines. Students choosing this minor are encouraged to take PHIL 110 or 220 (each of which satisfies the Humanities and Fine Arts component of the General Education curriculum) before enrolling for other courses.

Spanish

The Spanish minor requires completion of SPN 301 and 302 and an additional 6 hours of Spanish courses numbered 300 or above.

Writing

The Writing minor requires completion of ENG 490 (all students) and 15 additional credit hours from the following: ENG 301, 302, 361, 380, 419, 454, 455, 456, 461, and 489*; COMS 330, 430, 435, and 450; MC 200, 255, 265, 300, 327, 355, 452, and 456; MIS 267; PHIL 180; and THEA 300 and 371. Courses applied to the requirements for the English major may not also be counted toward the Writing minor. Students are responsible for any prerequisites for advance coursework within or outside the Department of English and Foreign Languages. Substitutions for the courses noted (excepting ENG 490) may be made on a case-by-case basis pending the adviser’s approval. The Writing Minor offers students a path to develop written communication skills that will be essential for success in any career. Writing Minors select from a flexible, diverse roster of courses, ranging from creative writing (poetry, prose, and playwriting) to rhetoric.
and grammar to mass media, which emphasize both practice and theories of writing and editing. As a capstone project, Writing Minors work one-on-one with an instructor to create a portfolio that reflects their finest work. Either as an integrated part of the traditional English major, or as a supplement to another major, the Writing minor provides marketable skills that are also at the core of a liberal-arts education.

*Instructor’s consent required. May involve faculty in English or other disciplines, as appropriate.

**Teacher Certification**
The department offers teacher-certification programs in French and Spanish.

**Courses in English and Foreign Languages**

**English**
ENG 100 - Composition Practicum
ENG 101 - Composition I
ENG 102 - Composition II
ENG 103 - Honors Composition I
ENG 104 - Honors Composition II
ENG 180 - Theatre in the Mind
ENG 231 - Global Literature: Perspectives Across Periods and Locations
ENG 232 - Global Literature: Perspectives Within a Period or Location
ENG 233 - Honors Global Literature: Perspectives Across Periods and Locations
ENG 234 - Honors Global Literature: Perspectives Within a Period or Location
ENG 300 - Introduction to the Major
ENG 301 - Special Topics in Language and Literature
ENG 302 - Special Topics in Language and Literature II
ENG 305 - Introduction to the Study of British and American Literature I
ENG 306 - Introduction to the Study of British and American Literature II
ENG 307 - Introduction to the Study of British and American Literature III
ENG 310 - Literature for Children
ENG 320 - Studies in World Literature
ENG 361 - Creative Writing
ENG 380 - Advanced Composition
ENG 404 - Literature for Young Adults
ENG 405 - Studies in One or Two Authors
ENG 408 - Practicum in Writing Center Tutoring
ENG 411 - Studies in Drama
ENG 412 - Studies in Poetry
ENG 413 - Studies in the Novel
ENG 414 - Studies in Short Fiction
ENG 415 - Studies in Non-Fiction
ENG 419 - Special Topics in Genre
ENG 423 - Medieval Literature
ENG 424 - Early Modern Literature
ENG 425 - Restoration and Eighteenth-Century Literature
ENG 426 - The Romantic Period
ENG 427 - The Victorian Period
ENG 428 - Modern Literature
ENG 431 - American Literature to 1865
ENG 432 - American Literature after 1865
ENG 439 - Special Topics in the Literature of a Region, Culture, or Period
ENG 452 - Studies in Critical Theory
ENG 454 - Studies in Composition and Rhetoric
ENG 455 - Advanced English Grammar
ENG 456 - The Writing Process: Theories and Practices
ENG 461 - Advanced Creative Writing
ENG 471 - African-American Literature
ENG 472 - Literature from the Margins
ENG 473 - Postcolonial Literature
ENG 474 - Anglophone Literature
ENG 475 - Literature of Sexuality and Gender
ENG 485 - Senior Seminar: A Capstone Course for English Majors
ENG 489 - Selected Topics in Literature and Language
ENG 490 - Portfolio Preparation

**Foreign Languages**
FL 100 - Introductory Foreign Language Study
FL 200 - Intermediate Foreign Language Study
FL 300 - Methods in Foreign Language Teaching
FL 301 - Culture Through Cinema
FL 302 - Introduction to Literary Theory
FL 303 - Origin and History of Language
FL 370 - Special Topics
FL 395 - Study Abroad
FL 399 - Experiences in Language and Culture
FL 480 - Senior Seminar: A Capstone Course for Foreign Language Majors
FL 495 - Study Abroad

**French**
FRN 101 - Introductory French I
FRN 102 - Introductory French II
FRN 150 - Accelerated Introductory French
FRN 201 - Intermediate French I
FRN 202 - Intermediate French II
FRN 250 - Accelerated Intermediate French
FRN 300 - Directed Independent Study
FRN 301 - French Conversation
FRN 302 - Grammar and Composition
FRN 303 - Phonics and Phonology
FRN 310 - Business French
FRN 320 - French Literature in Translation
FRN 321 - Francophone Literature in Translation
FRN 331 - Survey of French Literature
FRN 332 - Survey of Francophone Literature
FRN 341 - French Culture and Civilization
FRN 342 - Francophone Culture and Civilization
FRN 344 - Francophone Cultural Studies and Film
FRN 345 - The Francophone World Today
FRN 370 - Special Topics
FRN 395 - Study Abroad
FRN 400 - Directed Independent Study
FRN 405 - History of the French Language
FRN 430 - French Medieval, Renaissance or Early Modern Literature
FRN 431 - Modern and Contemporary French Literature
FRN 440 - Francophone French Literature
FRN 451 - Studies in Drama
FRN 452 - Studies in Prose
FRN 453 - Studies in Poetry
FRN 470 - Special Topics

**German**

GER 101 - Introductory German I
GER 102 - Introductory German II
GER 201 - Intermediate German I
GER 202 - Intermediate German II

**Humanities**

HUM 400 – Internship

**Latin**

LAT 101 - Introductory Latin I
LAT 102 - Introductory Latin II

**Philosophy**

PHIL 110 - Introduction to Philosophy
PHIL 111 - Honors Introduction to Philosophy
PHIL 180 - Critical Reasoning
PHIL 220 - Ethics
PHIL 221 - Honors Ethics
PHIL 230 - Science, Technology, and Value
PHIL 250 - Symbolic Logic
PHIL 270 - Philosophy of the Nineteenth Century
PHIL 280 - Ancient and Medieval Philosophy
PHIL 290 - Modern Philosophy
PHIL 300 - Special Topics in Philosophy
PHIL 310 - Philosophy of Religion
PHIL 320 - Feminist Philosophy
PHIL 321 - Philosophical Pragmatism
PHIL 330 - Philosophy of Science
PHIL 350 - Existentialism
PHIL 365 - Philosophy of Art
PHIL 400 - Studies in One or Two Philosophers
PHIL 410 - Epistemology
PHIL 420 - Metaphysics
PHIL 430 - Metaethics
PHIL 440 - Philosophical Analysis
PHIL 465 - Special Topics in Aesthetics

**Religion**

REL 110 - World Religions
REL 210 - Introduction to Religious Studies
REL 300 - The Literature of the Bible and Koran
REL 301 - St. Paul
REL 302 - Special Topics in Religion
REL 303 - Special Topics in Religion

**Spanish**

SPN 101 - Introductory Spanish I
SPN 102 - Introductory Spanish II
SPN 103 - Honors Introductory Spanish I
SPN 104 - Honors Introductory Spanish II
SPN 150 - Accelerated Introductory Spanish
SPN 201 - Intermediate Spanish I
SPN 202 - Intermediate Spanish II
SPN 250 - Accelerated Intermediate Spanish
SPN 300 - Directed Independent Study
SPN 301 - Spanish Conversation
SPN 302 - Grammar and Composition
SPN 303 - Phonetics and Phonology
SPN 310 - Business Spanish
SPN 320 - Latin American Literature in Translation
SPN 321 - Spanish Literature in Translation
SPN 330 - Introduction to Hispanic Literature
SPN 331 - Survey of Spanish Literature
SPN 332 - Survey of Latin-American Literature
SPN 341 - Peninsular Culture and Civilization
SPN 342 - Latin-American Culture and Civilization
SPN 343 - U.S. Latino Culture and Civilization
SPN 344 - Hispanic Cultural Studies and Film
SPN 345 - The Hispanic World Today
SPN 370 - Special Topics
SPN 395 - Study Abroad
SPN 400 - Directed Independent Study
SPN 405 - History of the Spanish Language
SPN 410 - Spanish for the Professions
SPN 430 - Spanish Medieval and Golden-Age Literature
SPN 431 - Modern and Contemporary Spanish Literature
SPN 440 - Colonial Spanish Literature
SPN 441 - Modern and Contemporary Latin-American Literature
SPN 442 - U.S. Latino Literature
SPN 450 - Cervantes
SPN 451 - Studies in Drama
SPN 452 - Studies in Poetry
SPN 453 - Studies in Prose
SPN 470 - Special Topics

*Completion of the foreign-language requirement is based on proficiency. Students have the opportunity to take a foreign-language placement exam to determine if they may start their language studies beyond the 101 level. A student whose level of language proficiency makes it possible to bypass one or more lower-level language classes will reduce the number of hours required to complete the language sequence but will not reduce the total number of hours required for graduation. For example, a student who places in French 102 as a result of the placement exam will not be required to take FRN 101 but will not receive the credit hours for FRN 101. Information about the placement exam is available from the Department of English and Foreign Languages.*
Michael E. Stephens College of Business

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fax: (205) 665-6560
e-mail: scraft@montevallo.edu

Dean: Professor Craft.
Professors Mechitov, Moshkovich (recipient of the Michael J. and Donna H. Grainger Endowed Chair in Business and Accounting); Associate Professors Connell, Hamilton, MacPherson, Motii, Sanders; Assistant Professors Dillard, McMinn, Mellon, Wang; Instructors Kolb, Smith.

Mission
The mission of the Stephens College of Business is to provide a personalized, ethically focused, liberal-arts-based business education that gives graduates outstanding communication, critical thinking, and leadership skills and a commitment to improving organizations and society. This mission is accomplished through effective teaching informed by the production of impactful scholarship.

Programs
The Stephens College of Business (COB) offers the Bachelor of Business Administration (B.B.A.) degree with majors in Accounting, Finance, Management, and Marketing. In addition, for students from any field of study, the Stephens COB offers minors in accounting, economics, general business, management information systems, and nonprofit studies. The general business minor meets all prerequisites for the College's master of business administration (M.B.A.) program, which embraces students and professionals who look to succeed in business regardless of their undergraduate major. Students majoring in a business degree program are required to express ideas convincingly and clearly, both in writing and in presentation. Students are required to work in and lead teams to develop their ability to conduct business meetings in a technological and global environment while displaying a commitment to diversity and ethical integrity.

Academic Programs and Degree Plans for the Michael E. Stephens College of Business
Information about academic programs, as well as degree plans showing a suggested course of study for each major within this College, are available on the University's website.

Accreditation
Stephens COB programs are accredited by The Association to Advance Collegiate Schools of Business (AACSB International), the premier accrediting agency for programs in business administration. AACSB International is devoted to the promotion and improvement of higher education in business administration. This accreditation places the Stephens COB with the top business programs worldwide.

AACSB accreditation means that Stephens COB students are exposed to curricula that blend theory and practice and are delivered by faculty members with strong academic credentials and professional experience, and who demonstrate high-quality teaching and research. The programs reflect currency and relevancy in knowledge and practices while satisfying criteria established and accepted by the international education community. Finally, AACSB accreditation shows employers the value of a Stephens COB business degree.

Curriculum
The Stephens COB offers the B.B.A. degree with majors in Accounting, Finance, Management, and Marketing. Each degree program requires completion of the general education core, the business core, major requirements, and a set of elective courses.

Admission Policy
Freshmen admitted with either an American College Testing Program (ACT) composite score of less than 18 or a Scholastic Assessment Test (SAT) combined score of less than 800 must successfully complete ENG 101 and 102 and MATH 144, 147, 154, or higher to be eligible for enrollment in the Stephens COB. Current University students changing to a business major, transfer students, and non-Stephens COB students being readmitted to the University must have a minimum GPA of 2.0 based on a 4.0 scale in order to be eligible for admission to the Stephens COB.

Academic Regulations
- Business majors must schedule freshman English and mathematics each semester until course requirements are successfully completed.
- To graduate, a Business major must:
  a. attain a minimum 2.0 GPA in the basic business core and a minimum 2.0 GPA on all business courses attempted in the major and
  b. complete the last 18 semester hours in the basic business core and the last 15 semester hours in the major at UM in the Stephens COB.
• Transfer students should follow the program of study outlined for B.B.A. candidates at the University during the freshman and sophomore years at other institutions.
  a. The dean of the College determines eligible transfer credit that applies toward business degrees.
  b. Transfer students must schedule freshman and sophomore course deficiencies each semester until successfully completed.

**General Education Core**

Students seeking an undergraduate degree at UM must complete a 50-semester-hour General Education curriculum that includes courses in English, history, mathematics, the natural sciences, social sciences, fine arts, oral and written communication, and personal development.

The minimum requirements are included in the Academic Programs and Policies chapter of this Bulletin, under the degree requirements section.

All Business majors must take EC 231 and 232, which fulfill 6 hours of the History, Social, and Behavioral Sciences component of the General Education curriculum.

MIS 161 satisfies the General Education requirement for Personal Development.

**Business Core**

Students seeking the B.B.A. degree must complete the 36-semester-hour business core, 18 or more hours in their majors, plus sufficient electives after consultation with their adviser to complete at least 120 hours required for graduation.

The Business Core requirements are:

- AC 221 - Principles of Accounting I
- AC 222 - Principles of Accounting II
- BL 283 - Legal Environment of Business
- FI 372 - Business Finance
- MG 361 - Principles of Management and Organization Theory
- MG 305 - Business Professional Development
- MG 469 - Business Policy
- MIS 367 - Management Information Systems
- MK 351 - Principles of Marketing
- QM 235 - Quantitative Methods in Business I
- QM 236 - Quantitative Methods in Business II
- QM 363 - Operations Management

**Majors**

The Stephens COB offers the Bachelor of Business Administration degree with majors in Accounting, Finance, Management, and Marketing

**Accounting**

The Accounting major prepares students for careers in financial reporting, managerial accounting, taxation, and general business. Students obtaining accounting degrees from this institution pursue careers in public accounting, controlling, finance, sales, and general management. They are employed by public accounting firms, industrial companies, financial companies, and government agencies. Accounting students are exposed to the traditional accounting fields such as auditing, information systems, generally accepted practices, law, taxation, and cost determination. The program is designed so students can prepare for the Certified Public Accounting (CPA) Examination. The program follows the prescribed Alabama State Board of Accountancy curricular recommendations.

The following courses, totaling 30 credit hours, are required for a major in Accounting.

- AC 324, 325, 327 Intermediate Accounting I, II, III
- AC 326 Cost Accounting I
- AC 421 Income Tax I
- AC 423 Auditing I
- BL 384 Business Law
- Three electives from: AC 310, 360, 409, 422, 425, 426, 427, 428, 460

**CPA prerequisites:** A student who intends to sit for the CPA in Alabama must complete:

a. all five of the Accounting electives (AC 422, 425*, 426, 427*, and 428*);

b. sufficient additional hours to meet the 150-hours requirement of the State of Alabama accountancy law.

**Accounting Majors seeking a dual degree path**

The Alabama State Board of Public Accountancy’s postsecondary educational hours requirement is a total of 150 completed hours in a program. In addition, the Board requires 33 specific accounting hours at the upper division undergraduate and/or graduate level before a candidate can sit for the Uniform CPA examination. Accounting majors who meet the admission requirements listed in the Graduate Bulletin for the M.B.A. can earn an undergraduate degree (B.B.A.) and a graduate degree (M.B.A.) in the time frame normally required to earn a B.B.A. degree.

A student may obtain an undergraduate accounting degree with 120 credit hours and an M.B.A. degree with 30 graduate credit hours. These accounting courses are offered at both the undergraduate and graduate levels. Students who declare the graduate path toward fulfillment of the Alabama State Board of Public Accountancy’s post-secondary educational hours requirement will complete two of three cross-listed accounting courses (AC 525, 527, 528) at the graduate level and one of the remaining required M.B.A. courses.
Finance
The Finance major develops the specialized finance knowledge, techniques, and skills necessary for students to be successful in the workplace. The program encompasses the major areas of finance including corporate finance, financial institutions and markets, and investments. This degree program offers a strong foundation in the principles of valuation, financial statement analysis, and the concepts behind sound financial decision making.

The successful finance student will possess strong analytical skills, the ability to write, and the ability to speak clearly and convincingly. Both the required and elective courses in the finance major help develop these skills. Many finance courses require the use of spreadsheets, statistical packages, presentation software, and word processing. Using these computer programs will aid in the development of the skills necessary for a degree that is very marketable.

The following courses, totaling 18 credit hours, are required for a major in Finance.
- FI 401 Money and Banking
- FI 415 Financial Services Seminar
- FI 472 Advanced Business Finance
- FI 473 Investments
- At least two of the following courses: FI 411, 420, 421, 474, 475, 476

Management
The Management major is a blend of theory and professional application. This dynamic curriculum is designed to respond to the needs of business. Students receive a management education that focuses on management skills and leadership. The program is designed to develop and refine interpersonal and analytical skills necessary to create centers of management excellence. Students whose accomplishments reflect strong leadership qualities and the ability to improve the efficiency or competitive position of an organization will have the best opportunities in the workplace.

The following courses, totaling 18 credit hours, are required for a major in Management.
- MG 308 Business and Society
- MG 462 Human Resource Management
- MG 464 Leadership and Organizational Change
- MG 467 Organizational Behavior
- At least two of the following courses: MG 400, 460, 465, 466, 476

Marketing
The Marketing major examines the marketing processes involved in the conception, pricing, promotion, and distribution of ideas, goods, and services. Students in the marketing major become proficient in developing, analyzing, and creating exchanges that satisfy individual and organization objectives. Marketing students develop a comprehensive overview of marketing theory and professional practices that lead to positions in advertising, marketing research, communications, public relations, sales management, franchising, and retailing.

The following courses, totaling 18 credit hours, are required for a major in Marketing.
- MK 353 Marketing Communications
- MG 452 Strategic Marketing Management
- MG 453 Marketing Research
- MG 458 International Marketing
- At least two of the following courses: MK 352, 450, 455, 476

Minors

Accounting
A minor in Accounting consists of 18 total credit hours of accounting coursework, comprised of AC 221 and 222 and 12 credit hours of upper-division accounting courses.

Business
A minor in Business consists of 18 hours of required business courses, including: AC 221, EC 232, FI 372, MG 361, MK 351, and QM 235.

Economics
A minor in Economics consists of 18 hours including EC 231, 232, 307, 401, and six hours from EC 460, QM 235, MK 351 or FI 372.

Management Information Systems
A minor in Management Information Systems (MIS) consists of 18 total credit hours of MIS coursework, comprised of MIS 161 and 367 and 12 credit hours of MIS and/or FI 421 courses.

Nonprofit Studies
A minor in Nonprofit Studies consists of 18 hours of coursework, including NPS/MG 371, GB 250 or FI 372, NPS/MG 420 plus six hours drawn from NPS 409, 460, and 476, and an elective course to be approved by the Nonprofit Studies program adviser. At least one course in the minor must be designated as a service-learning course.

Courses in Business

Accounting
AC 221 - Principles of Accounting I
AC 222 - Principles of Accounting II
AC 310 - Computerized Data Analysis
AC 324 - Intermediate Accounting I
AC 325 - Intermediate Accounting II
AC 326 - Cost Accounting I
AC 327 - Intermediate Accounting III
AC 360 - Accounting Information Systems
AC 409 - Internship in Accounting
AC 410 - Internship in Accounting II
AC 421 - Income Tax I
AC 422 - Advanced Accounting
AC 423 - Auditing I
AC 425 - Governmental and Not-for-Profit Accounting
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>AC 426</td>
<td>Cost Accounting II</td>
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<td>AC 427</td>
<td>Income Tax II</td>
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<tr>
<td>AC 428</td>
<td>Auditing II</td>
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<tr>
<td>AC 460</td>
<td>Special Topics in Accounting</td>
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<td>AC 476</td>
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<td>AC 481</td>
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<td>BL 283</td>
<td>Legal Environment of Business</td>
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<td>BL 384</td>
<td>Business Law</td>
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<td>EC 231</td>
<td>Introduction to Macroeconomics</td>
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<td>EC 232</td>
<td>Introduction to Microeconomics</td>
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<td>EC 307</td>
<td>World Economy</td>
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<td>EC 401</td>
<td>Money and Banking</td>
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<td>EC 460</td>
<td>Special Topics in Economics</td>
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<td>FI 372</td>
<td>Business Finance</td>
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<td>FI 411</td>
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<td>FI 415</td>
<td>Financial Services Seminar</td>
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<td>FI 472</td>
<td>Advanced Business Finance</td>
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<td>FI 473</td>
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<td>FI 475</td>
<td>Special Topics</td>
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<td>FI 476</td>
<td>Applied Research in Finance</td>
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<td>GB 100</td>
<td>Introduction to Business</td>
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<td>GB 250</td>
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<td>GB 270</td>
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<td>MG 305</td>
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<td>MG 361</td>
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<td>MG 371</td>
<td>Nonprofit Organizations</td>
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<td>MG 400</td>
<td>Globalization: National and International Issues</td>
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<td>MG 420</td>
<td>Social Entrepreneurship and Sustainability</td>
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<td>MG 465</td>
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<td>MG 476</td>
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<td>MIS 161</td>
<td>Introduction to Computers</td>
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<td>MIS 267</td>
<td>Web Design and Publishing</td>
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<td>MIS 310</td>
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<td>MIS 330</td>
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<td>MIS 350</td>
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<td>MIS 430</td>
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<td>MIS 450</td>
<td>Systems Analysis and Design</td>
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<td>MIS 460</td>
<td>Selected Topics in Management Information Systems</td>
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<td>MIS 476</td>
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<td>MK 351</td>
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<td>MK 352</td>
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<td>NPS 371</td>
<td>Nonprofit Organizations - Overview and Operations</td>
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<td>NPS 460</td>
<td>Special Topics in Nonprofit Studies</td>
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<td>NPS 476</td>
<td>Applied Research in Nonprofit Studies</td>
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<tr>
<td>QM 235</td>
<td>Quantitative Methods in Business I</td>
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<td>QM 236</td>
<td>Quantitative Methods in Business II</td>
</tr>
<tr>
<td>QM 363</td>
<td>Operations Management</td>
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</tbody>
</table>
Mission
The mission of the College of Education is to promote the professional growth of students who have made a commitment to service and careers in the fields of K-12 teaching, counseling, leadership, technology, human development, family studies, dietetics, health promotion, exercise science, and retail merchandising. The College accepts as its primary role the preparation of professionals who make wise and informed decisions based on sound knowledge, applied experiences, and research-based practices.

Goals
Four broad goals guide the College of Education in positively impacting student performance, enhancing the quality of programs, and improving the efficiency of operations. The goals are to model and promote the use of emerging technology resources, to acknowledge and address the diversity of students, faculty, staff, curriculum, and field or clinical placements, to collaborate with public schools and other community agencies to positively impact P-12 student learning and client development, and to encourage the use and development of best practices in specific fields of study.

Degree Programs
The College of Education offers Bachelor of Science and Bachelor of Arts degree programs in the following areas/grade levels:

- Deaf and Hard-of-Hearing Education (P-12)
- Elementary Education (K-6)
- Elementary Education with Special Education (K-6)
- Family & Consumer Sciences
  - FCS Education (6-12)
  - Human Development and Family Studies
  - Retail Merchandising
- Kinesiology
- Health Promotion
- Nutrition and Wellness/Dietetics
- Physical Education (P-12) (*NOTE: Having been placed on inactive status with the Alabama State Department of Education in spring 2016, the P-12 Physical Education program is no longer accepting new students.*)

Accreditation
The College is a member of the American Association of Colleges for Teacher Education and is accredited by the National Council for the Accreditation of Teacher Education (NCATE)/Council for the Accreditation of Educator Preparation (CAEP). All programs that lead to teacher certification are approved by the Alabama State Board of Education. The Family and Consumer Sciences program is accredited by the American Association of Family and Consumer Sciences (AAFCS) and the dietetics program is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). All three Counseling program tracks are accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).

Teacher Education Program (TEP) Requirements
I. Admission
Students must be formally admitted to the TEP. Applications are available through the Office of Teacher Education Services. Criteria for admission include:

- Successful completion of at least 50 credit hours, including at least 40 hours (24 hours for MUS) in General Education.
- Minimum overall GPA of 2.75 as well as 2.75 in all applicable teaching-field courses, and 2.75 in all professional education courses.
- Minimum grade of C in all general-studies courses, except music-education majors, who must earn a minimum grade of C only in communications and English composition courses. (Also, monitored for retention in the TEP.)
- Minimum grade of C in Introduction to Teaching (ED 401, 402, or MUS 101). This course may be repeated once and only at Montevallo.
- Passing score on team interview. Speaking skills and knowledge and abilities based on previous coursework will be among the attributes assessed in the interview. Students have a maximum of three attempts to pass the interview. Guidelines for interviews are located in the Teacher Education Program Handbook and can be obtained from the Office of Teacher Education Services.
The Teacher Education Program Handbook, published annually by the Office of Teacher Education Services, describes more specifically the current TEP admission requirements.

II. Retention
Advising is essential for successful completion of the TEP. Variation from the planned program of study created with an advisor could result in failure to be recommended for certification. Regular consultation with an adviser is needed so that students can be apprised of program revisions that result from mandated changes in State certification requirements. Study in the TEP is limited to four years. Requests for extensions of this time limit must be approved by the Dean of the College and could necessitate completion of additional coursework or other requirements.

A minimum overall grade point average (GPA) of 2.75 as well as 2.75 in all applicable teaching-field courses, and 2.75 in all professional education courses must be maintained while studying in the TEP. All professional education and teaching-field courses must be completed with a minimum grade of C and may be repeated once and only at Montevallo.

The College, in cooperation with area school systems, has developed a comprehensive program of pre-internship field and clinical experiences in a variety of school settings. These experiences require extensive involvement in schools outside of class. Transportation is the responsibility of the student.

Successful completion of all field and clinical experience requirements, program key assessments, and professional dispositions assessments is necessary for retention in the TEP. The Teacher Education Program Handbook, published annually by the Office of Teacher Education Services, describes more specifically the current TEP retention requirements.

III. Internship
The successful completion of a full semester, full-time internship is required for State certification. Applications are available through the Office of Teacher Education Services. Criteria for the internship include:

- A minimum overall GPA of 2.75 as well as 2.75 in all applicable teaching-field courses, and 2.75 in all professional education courses must be maintained while studying in the TEP.
- All professional education and teaching-field courses must be completed with a minimum grade of C, and may be repeated once and only at Montevallo.
- Successful completion of all pre-internship field and clinical experience requirements, program key assessments, and professional dispositions assessments.
- Passing score on required Praxis II examinations.
- Participation in the Internship seminars.

The Teacher Education Program Handbook, published annually by the Office of Teacher Education Services, describes more specifically the current TEP internship requirements.

All internships will be completed in one semester. The University's incomplete policy will be strictly adhered to in cases where internships are not completed. The Internship Handbook, published annually by the Office of Teacher Education Services, describes more specifically the current TEP internship policies.

IV. Certification
Upon completion of the TEP, a bachelor's degree in an approved program, a minimum GPA of 2.75 in all areas (overall, teaching field, and professional education), and a passing score on the comprehensive exam and/or portfolio are required.

Eligible candidates may be recommended for Class B certification in the State of Alabama. Candidates must complete an application for Alabama Teacher Certification. Instructions for completing the certification form are available through the Office of Teacher Education Services. The appropriate fees (money order or cashier's check made payable to the Alabama State Department of Education) must be submitted with the application for certification. The application for certification, fee payment, and the candidate's transcript are forwarded to the State Department of Education. The University cannot recommend any candidate for certification that has not satisfied all Alabama and UM requirements for admission to and completion of an approved program. Students have five years after their program completion date to apply for certification.

For certification in two teaching fields at one level, it is necessary to complete the requirements of each teaching field, the appropriate professional studies courses, and a full semester, full-time internship in each teaching field.

Student Responsibilities
While the University provides an academic advisor to assist students with meeting academic requirements and planning their curriculum and courses, it is ultimately the students' primary responsibility to know the requirements for their degree, acquire current information about their academic status, and choose their curriculum and individual courses accordingly. By registering for classes, students certify that they have independently determined that the courses chosen are appropriate to meet their academic goals.
The requirements for licenses, certifications, or similar credentials (e.g., teaching certificates, etc.) issued by the government or other organizations and agencies change frequently, and students are responsible for monitoring those requirements for any changes, planning their course work accordingly, and making proper application for the credential. While the University endeavors to provide courses that qualify students to receive credentials and to keep students informed of any changes in requirements for credentials, it is ultimately the student's responsibility to monitor the requirements to ensure that their academic program meets the applicable criteria. The University has no control over the criteria for credentials issued by outside organizations and cannot guarantee that a student will receive a credential based upon coursework completed at the University.

Department of Counseling, Family & Consumer Sciences, and Kinesiology
Professor Daughettee; Associate Professor Culpepper; Assistant Professors Bell, Bishop, Bloom, DeVane-Hart, Hanks, Harrington, Jackson, Lyles, J. Mitchell, S. Mitchell, Parker; Instructors Fennell, Petitt.

Family and Consumer Sciences Program
The undergraduate programs in Family and Consumer Sciences lead to a baccalaureate degree in Family and Consumer Sciences in one of three concentration areas: Family and Consumer Sciences Education (grades 6–12), Human Development and Family Studies, and Retail Merchandising. All undergraduate programs are accredited by the American Association of Family and Consumer Sciences. The Family and Consumer Sciences teacher education program is included in the unit accreditation by the Council for the Accreditation of Educator Preparation (CAEP). The campus Child Study Center, which supports the major, is accredited by the National Association for the Education of Young Children (NAEYC).

Students enrolled in Family and Consumer Sciences concentrations may be required to participate in state and/or program-mandated background checks.

As a graduation requirement of the major, a student must earn a minimum grade of C on all work attempted in the FCS major course requirements and support courses.

Family and Consumer Sciences Education Concentration
The Family and Consumer Sciences Education concentration is designed for students who wish to teach Family and Consumer Sciences in the middle and high schools, and work in the Cooperative Extension Service or related positions.

Human Development and Family Studies Concentration
The Human Development and Family Studies concentration is designed for students who wish to pursue careers in human resources, child and family services, and preschool teaching and administration. The National Council on Family Relations has approved the program to award Family Life Educator certification (CFLE). Human Development and Family Studies majors are able to earn CFLE certification without taking the CFLE examination. Human Development and Family Life Studies majors are required to complete a professional internship.

Retail Merchandising Concentration
The Retail Merchandising concentration is designed for students who wish to pursue careers in buying and selling of merchandise, hiring and training personnel, management, and other related areas of the retail industry. Students in Retail Merchandising must complete a professional internship as well as 18 hours in Business.

Minors
The Foods and Nutrition minor consists of 18 hours of coursework and is open to non-majors. Required courses include: FCS 170, 281, and 477; KNES 382 and KNES 485; and one 3-hour FCS elective.

The Human Development and Family Studies minor consists of 18 hours of coursework and is open to non-majors. Required courses include: FCS 291, 391, 402, and nine hours from the following: FCS 389, 400, 405, 407, 462, 465, 490, or 494.

The Retail Merchandising minor consists of 18 hours of coursework and is open to non-majors. Required courses include: FCS 201, 265, 350, 360, 451; and one of the following electives: FCS 150, 254, 461, MK 351 or 352.

General Education
FCS 291 (Individual and Family Development) and FCS 402 (Dynamics of Family Relationships) may be used to fulfill the Social and Behavioral Sciences requirement in general education.

Kinesiology Program
The undergraduate programs in Kinesiology lead to a baccalaureate degree in Kinesiology in one of three concentration areas: Health Promotion, Nutrition and Wellness, and Physical Education (grades P–
12). Students should confer with an academic adviser to prepare a plan of study for their selected concentration in Kinesiology.

**Health Promotion Concentration**

The Health Promotion concentration is designed for students who wish to pursue a variety of areas related to physical activity, sports, personal training, exercise physiology, physical therapy, occupational therapy, prosthetics, nursing, and other health-related professions. Health Promotion majors must complete a professional internship.

**Nutrition and Wellness Concentration**

The Nutrition and Wellness concentration is designed to prepare students to pursue careers related to nutrition and dietetics. The Coordinated Program (CP) in Dietetics is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). Admission to the CP in Dietetics program is competitive. In order to be considered for admission, a student must have an overall GPA of at least 3.0 and no grade below a C in all courses. Students who meet the requirements and who are admitted to the program must maintain required academic standards and dispositional expectations in order to progress toward supervised practice. A program handbook is available to provide details related to policies, procedures, and expectations. In order to be eligible to take the Registered Dietitian (RD) examination, dietetics students must successfully complete six supervised practice courses (in professional settings) prior to graduation.

**P–12 Physical Education Concentration**

The Physical Education concentration is designed for students who wish to teach physical education in school settings. It leads to certification in preschool through twelfth grades. This program satisfies the requirements for Alabama Class B certification.

**Minor**

A non-teaching minor with a minimum of 18 hours in Kinesiology is available. Students must confer with the Kinesiology Program Chair to declare a minor and set up a program of study.

**General Education**

Health Wellness (KNES 120) may be used to satisfy the Personal Development option in general education for all students except Kinesiology majors.

**Courses in Counseling, FCS, & Kinesiology**

**Family and Consumer Sciences**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>FCS 150</td>
<td>Apparel Construction and Analysis</td>
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<tr>
<td>FCS 170</td>
<td>Introduction to Food Science and Preparation</td>
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<tr>
<td>FCS 201</td>
<td>Visual Merchandising</td>
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<tr>
<td>FCS 241</td>
<td>Foundations of FCS</td>
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<td>FCS 254</td>
<td>International Retailing</td>
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<tr>
<td>FCS 265</td>
<td>Fashion Fundamentals</td>
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<td>FCS 281</td>
<td>Introduction to Nutrition</td>
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<td>FCS 285</td>
<td>Fashion Forecasting</td>
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<tr>
<td>FCS 291</td>
<td>Individual and Family Development</td>
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<tr>
<td>FCS 330</td>
<td>Consumer Economics</td>
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<tr>
<td>FCS 336</td>
<td>Technology in Retailing</td>
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<td>FCS 350</td>
<td>Textiles</td>
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<tr>
<td>FCS 360</td>
<td>Retail Buying</td>
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<tr>
<td>FCS 362</td>
<td>Administration and Methods in Human Development and Family Studies</td>
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<tr>
<td>FCS 386</td>
<td>Family Policy</td>
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<td>FCS 389</td>
<td>Infant Development</td>
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<td>FCS 391</td>
<td>Child Development</td>
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<tr>
<td>FCS 400</td>
<td>Adolescent and Young Adult Development</td>
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<td>FCS 402</td>
<td>Dynamics of Family Relationships</td>
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<td>FCS 405</td>
<td>Adult Development and Aging</td>
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<td>FCS 407</td>
<td>Human Sexuality</td>
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<td>FCS 435</td>
<td>Professional and Career Development</td>
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<tr>
<td>FCS 451</td>
<td>Retail Planning</td>
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<tr>
<td>FCS 452</td>
<td>Clothing Design-Flat Pattern</td>
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<tr>
<td>FCS 453</td>
<td>Clothing Design-Draping</td>
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<tr>
<td>FCS 460</td>
<td>Problems in Family and Consumer Sciences</td>
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<tr>
<td>FCS 461</td>
<td>Retail Merchandising Internship for Minors</td>
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<td>FCS 462</td>
<td>Human Development and Family Studies</td>
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<tr>
<td></td>
<td>Internship for Minors</td>
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<tr>
<td>FCS 465</td>
<td>Parenting and Guidance</td>
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<td>FCS 477</td>
<td>Quantity Foods</td>
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<tr>
<td>FCS 490</td>
<td>Family Life Education</td>
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<td>FCS 491</td>
<td>Methods and Materials for Teaching Family and Consumer Sciences</td>
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<tr>
<td>FCS 494</td>
<td>Implementation of Early Childhood Programs</td>
</tr>
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<td>FCS 498</td>
<td>Retail Merchandising Internship for Majors</td>
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<td>FCS 499</td>
<td>Human Development and Family Studies for Majors</td>
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**Kinesiology**

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<tbody>
<tr>
<td>KNES 100</td>
<td>Canoeing</td>
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<tr>
<td>KNES 102</td>
<td>Pilates/Yoga</td>
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<td>KNES 103</td>
<td>Aerobic Exercise</td>
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<tr>
<td>KNES 104</td>
<td>Orienteering</td>
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<tr>
<td>KNES 114</td>
<td>Hiking/Backpacking</td>
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<td>KNES 116</td>
<td>Racquetball</td>
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<td>KNES 120</td>
<td>Health Wellness</td>
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<td>KNES 123</td>
<td>Beginning Badminton</td>
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<td>KNES 126</td>
<td>Beginning Golf</td>
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<td>KNES 127</td>
<td>Beginning Swimming</td>
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<tr>
<td>KNES 128</td>
<td>Beginning Tennis</td>
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<tr>
<td>KNES 130</td>
<td>Games</td>
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<tr>
<td>KNES 135</td>
<td>Beginning Modern Dance Technique</td>
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<tr>
<td>KNES 136</td>
<td>Intermediate Golf</td>
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<tr>
<td>KNES 145</td>
<td>Intermediate Modern Dance Technique</td>
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<tr>
<td>KNES 150</td>
<td>Physical Conditioning</td>
</tr>
<tr>
<td>KNES 153</td>
<td>Cycling/Jogging/Walking</td>
</tr>
<tr>
<td>KNES 157</td>
<td>Swim for Fitness</td>
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<tr>
<td>KNES 165</td>
<td>Beginning Ballroom Dance</td>
</tr>
<tr>
<td>KNES 167</td>
<td>Lifeguard Training</td>
</tr>
<tr>
<td>KNES 181</td>
<td>Introduction to Dietetics</td>
</tr>
</tbody>
</table>

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Department of Teaching, Leadership, & Technology

Professors Cost, McEwan, Thrower, Whitsett; Associate Professors Alexiou-Ray, Bentley, Cook, Ratchford, Smajic, Smith, Suell, Williams; Assistant Professors Davis, Raulston, Samuels A., Samuels G., Shanks, Taylor; Instructor: Gilmore.

The undergraduate programs in this area are Elementary Education and Education of the Deaf and Hard of Hearing, both of which satisfy requirements for Alabama Class B certification. An endorsement in Collaborative K-6 (special education) may be added to the elementary certificate.

Elementary Education
Completion of a bachelor’s degree in Elementary Education meets requirements for an Alabama Class B certificate. Study for a B.A. instead of a B.S. degree requires a conference with an adviser.

A traditional minor is not required in Elementary Education.

Students seeking certification in Elementary Education are required to take a minimum of 12 semester hours in each of the following areas: English/Language Arts, Mathematics, Science, and Social Sciences.

Collaborative K-6 (special education) endorsement added to Elementary
Study for a certificate in Elementary Education allows for a Collaborative K-6 endorsement with the completion of additional classes. The endorsement certifies that the recipient is qualified to teach in all areas of special education except for the areas of sensory impairments and gifted. Additional requirements for the endorsement include SPED 416, 440, and 462, along with an internship in an appropriate collaborative setting.

Education of the Deaf and Hard of Hearing
Completion of a bachelor’s degree in Education of the Deaf and Hard of Hearing meets requirements for an Alabama Class B (preschool through Grade 12) certificate in special education for the hearing impaired. Study for a B.A. instead of a B.S. degree requires a conference with an adviser.

Deaf Studies Minor
The College offers an 18-semester-hour minor in Deaf Studies that is available to majors in any department. Required courses are SPED 205, 300, 307, 320, 398, and 490.

Secondary Education
Completion of a bachelor’s degree in Secondary Education meets requirements for an Alabama Class B certificate (Grades 6-12). Study for a B.A. instead
of a B.S. degree requires a conference with an adviser.

Secondary education is available in the following fields at the undergraduate level:
- Family and Consumer Sciences
- French
- Spanish

Secondary education is available in other fields at the graduate level. Refer to the graduate section of this Bulletin for Information about additional fields of secondary education.

**Courses in Teaching, Leadership, & Technology**

**Education**
- ED 201 - Explorations in Education
- ED 401 - Introduction to Teaching
- ED 402 - Secondary Students as Learners
- ED 410 - Teaching of Reading
- ED 411 - Teaching of Reading II
- ED 418 - Classroom Management
- ED 427 - Technology-Based Instructional Strategies
- ED 435 - Teaching Foreign Language at the Secondary Level
- ED 441 - Teaching Family and Consumer Sciences at the Secondary Level
- ED 444 - Methods and Materials for Teaching Social Studies
- ED 445 - Methods and Materials for Teaching Mathematics
- ED 446 - Methods and Materials for Teaching Language Arts
- ED 447 - Technology for Today's Classroom
- ED 448 - Methods and Materials for Teaching Science
- ED 450 - Instructional Strategies II-Models
- ED 455 - Instructional Strategies I Literacy
- ED 465 - Classroom Management in the Elementary Grades
- ED 481 - Organization and Methods for Early Childhood Education
- ED 490 - Advanced Seminar in Secondary Education
- ED 495 - Directed Reading and Independent Study

**Educational Foundations**
- EDF 330 - Educational Psychology
- EDF 375 - School and Society
- EDF 461 - Evaluation in Elementary Education
- EDF 462 - Evaluation in Secondary Education

**Education Internships**
- EDI 440 - Internship in High School
- EDI 460 - Internship in Collaborative Teaching
- EDI 461 - Practicum: Deaf and Hard of Hearing
- EDI 462 - Internship: Deaf and Hard of Hearing
- EDI 470 - Internship in Elementary Education
- EDI 471 - Internship in Elementary and Deaf and Hard of Hearing
- EDI 480 - Internship in Early Childhood Education
- EDI 490 - Internship in Preschool Through 12th Grade

**Special Education**
- SPED 205 - Manual Communication
- SPED 297 - Language Analysis
- SPED 300 - American Sign Language
- SPED 307 - Manually Coded English
- SPED 320 - Developing Auditory/Oral Communication with Students who are Deaf and Hard of Hearing
- SPED 375 - Auditory Education and Strategies for Deaf and Hard of Hearing Students
- SPED 378 - Expressive Communication Strategies for Deaf and Hard of Hearing Students
- SPED 398 - Deaf Culture
- SPED 407 - Exceptional Learners in P-12 and Secondary Programs
- SPED 408 - Exceptional Learners in the Early Childhood and Elementary Classroom
- SPED 415 - Instructional Methods in the Inclusive Early Childhood and Elementary Classroom
- SPED 416 - Behavior Management in the Classroom
- SPED 440 - Practicum in Special Education
- SPED 462 - Assessment in Special Education
- SPED 476 - Methods of Teaching Academic Subjects to the Deaf and Hard of Hearing
- SPED 477 - Language Development and Methods of Literacy Instruction for Deaf and Hard of Hearing
- SPED 482 - Assessment: Deaf and Hard of Hearing
- SPED 490 - Psychology and Education of the Deaf and Hard of Hearing
College of Fine Arts

Mission
The mission of the College of Fine Arts is to prepare students as visual artists, performers, musicians, arts educators, and communication scholars and practitioners. The College provides instruction and cultural experiences fundamental to the liberal education of Montevallo students, as well as aesthetic enrichment for the citizens of central Alabama.

Degree Programs
The College of Fine Arts offers curricula in art, communication studies, mass communication, music, and theatre leading to the following degrees:

- Bachelor of Arts (B.A.)
- Bachelor of Science (B.S.)
- Bachelor of Fine Arts (B.F.A.)
- Bachelor of Music (B.M.)

These curricula offer a wide choice of emphases, from broad general education and limited major-area study to specialized and concentrated study in the major area. Information about academic programs, as well as degree plans showing a suggested course of study for each major within this College, are available on the University's website.

General Education

Bachelor of Arts
In addition to the General Education curriculum, students seeking the Bachelor of Arts degree must complete the second-year course sequence in French, German, or Spanish.

Bachelor of Science
Students seeking the Bachelor of Science degree must complete a total of 18 or more credit hours in mathematics and science.

Bachelor of Fine Arts
Students seeking the Bachelor of Fine Arts degree should refer to the specific General Education requirements outlined under the Department of Art or the Department of Theatre sections.

Bachelor of Music
Students seeking the Bachelor of Music degree should refer to the specific General Education re-

Accreditation
The University of Montevallo is an accredited institutional member of the National Association of Schools of Art and Design (NASAD) and the National Association of Schools of Music (NASM).
Department of Art
Chair: Professor Stephens.
Professors M. Bennett, Graffeo, Meyer, Wacker, Williams; Associate Professors J. Bennett, Lee; Assistant Professors Somers, Walsh, Willett, Young; Instructor Foster.

Majors
The Department of Art offers the Bachelor of Fine Arts (B.F.A.) degree in Art, the Bachelor of Arts (B.A.) in Art, and the Bachelor of Science (B.S.) in Art.

Bachelor of Fine Arts
In addition to the General Education curriculum, the B.F.A. degree candidate must:
• complete 18 credit hours in a studio concentration;
• earn a grade of C or better in foundation studio art courses;
• complete ART 291, Foundation Review, and ART 391, Concentration Review;
• complete ART 491 during the senior year and mount an acceptable exhibition of work; and
• complete a total of at least 75 credit hours in art, with a minimum overall GPA of 2.0.

The eight areas of studio concentration are Ceramics, Drawing, Graphic Design, New Media, Painting, Printmaking, Photography, and Sculpture.

Bachelor of Arts and Bachelor of Science
In addition to the General Education curriculum, the B.A. or B.S. degree in Art requires 43 hours of art courses. A minor outside the Art Department may be declared but is not required. Up to 15 hours of art electives may be added to the Art major, for a maximum of 59 hours.

Minors
Minors are offered in Art and Art History.

Art
The Art minor requires 21 credit hours, including ART 112, 122 or 132, 219, and other art courses selected with the approval of the department chair.

Art History
The Art History minor requires 21 credit hours, including ART 218 and 219. Remaining courses are selected from 300- and 400-level art history courses and approved by the department chair.

Arts Administration
Details about the Arts Administration minor are available under Department of Theatre.

Internships
Internship credit is available for supervised work experience in many art-related fields, including museums, galleries, photography studios, and design firms.

Art Education
Students who wish to teach art in the public schools should complete the B.F.A. (recommended), B.A., or B.S. degree in Art. Certification is earned at the graduate level in the Alternative Master's Degree Program. For information, contact the Office of Graduate Admissions and Records at (205) 665-6350.

General Education
ART 100, 218, or 219 may be selected to fulfill the Humanities and Fine Arts requirements and earn credit in the major.
ART 250 and 255 may be selected to fulfill the Personal Development option and earn credit in the major, as well.

Advanced Placement
Students who qualify for Advanced Placement (AP) credit in Studio Art and scored a 3 or better in the National Portfolio Review receive 3 art elective credit hours. Students who scored a 4 or better on the AP test in Art History receive 3-6 credit hours for ART 218 and/or ART 219.

Students with exceptional studio preparation may request waiver of specific required foundations courses. Submission of a portfolio demonstrating competence in the full scope of course objectives is required. When a portfolio is favorably reviewed, required courses may be waived without earning credit. Course credit must be earned in elective courses or as assigned by the department chair. Portfolio review requests should be made well prior to registration.

Credit and Time Requirements
Three-credit-hour lecture classes in art meet for three hours per week for a 15-week semester, with the expectation that six hours of time outside of class per week will be used by students for preparation. Three-credit-hour studio classes meet for six hours per week for a 15-week semester, with the expectation that students will spend a minimum of six hours outside of class per week for preparation. Summer sessions maintain the same number of total class meeting and outside working times.

Transfer Credits
Transfer credits in the art major are approved by the Department of Art and may require the presentation of completed coursework and/or syllabus for evaluation. At least one half of the art major must be completed at UM.

Reproduction Rights
The Department of Art reserves the right to retain examples of student work for instructional purposes. The Department of Art reserves the right to reproduce examples of student artwork in its web page and any other promotional materials the department produces or approves.

Courses in Art
Art
ART 100 - Art Awareness
ART 101 - Drawing for Non-Majors
ART 112 - Drawing I
ART 113 - Drawing II
ART 122 - Two-Dimensional Design and Color
ART 132 - Three-Dimensional Design/Tools & Materials
ART 218 - History of Art I
ART 219 - History of Art II
ART 224 - Introduction to Ceramics
ART 227 - Special Studies
ART 228 - Introduction to Painting
ART 230 - Introduction to Printmaking
ART 242 - Introduction to Photography
ART 250 - Introduction to New Media
ART 255 - Graphic Design: Typography
ART 291 - Graphic Design: Typograpy
ART 300 - Graphic Design: Typography
ART 301 - History of Ancient Art
ART 302 - History of Medieval Art
ART 305 - History of 17th- and 18th-Century Art
ART 306 - History of 19th-Century Art
ART 307 - History of Modern Art, 1860-1945
ART 308 - History of Art 1945-2000
ART 313 - Advanced Drawing: Series
ART 314 - Advanced Drawing: The Human Figure
ART 315 - Advanced Drawing: Narrative Drawing
ART 322 - Ceramics: Atmosphere Firing
ART 324 - Ceramics: Mold-making
ART 325 - Ceramics: Wheel-throwing
ART 326 - Special Topics
ART 327 - Special Topics in Art History
ART 328 - Figure Painting
ART 330 - Printmaking: Intaglio
ART 331 - Printmaking: Screen Printing
ART 350 - Graphic Design: Symbology
ART 355 - Graphic Design: Multimedia
ART 356 - Graphic Design: Publication Design
ART 361 - New Media: Animation
ART 362 - New Media: Web Media
ART 363 - New Media: Digital Video
ART 375 - Sculpture: Environmental
ART 391 - B.F.A. Foundation Seminar
ART 394 - Photography: Advanced Black-and-White
ART 396 - Advanced Drawing: Illustration
ART 399 - Water-Based Media
ART 400 - Graphic Design: History and Application
ART 402 - History of Italian Renaissance Art
ART 403 - Contemporary Art
ART 405 - Art and the Environment
ART 406 - History of Photography
ART 408 - Directed Research in Art History
ART 410 - Mixed Media
ART 414 - Advanced Drawing: Materials and Concepts
ART 416 - Advanced Drawing: Color
ART 417 - Advanced Drawing: Large Format
ART 424 - Ceramics: Hand-building
ART 425 - Ceramics: Alternative Approaches
ART 428 - Painting Material and Techniques
ART 429 - Narrative Painting
ART 430 - Printmaking: Lithography
ART 431 - Printmaking: Relief
ART 432 - Photo-Etching
ART 444 - Studio Photography
ART 445 - Photography: Alternative Processes
ART 446 - Photography: Historic Processes
ART 447 - Photography: Documentary
ART 450 - Graphic Design: Information Design
ART 460 - New Media: 3-D Animation
ART 461 - New Media: Digital Printing
ART 470 - Sculpture: Metal Casting
ART 471 - Sculpture: Stone Carving
ART 475 - Public Sculpture: Design, Fabrication, and Installation
ART 476 - Sculpture: Sheet-Metal Fabrication
ART 480 - Performance and Installation Art
ART 491 - B.F.A. Exhibition Seminar
ART 492 - Portfolio
ART 493 - Internship
ART 494 - BA/BS Art Seminar
Department of Communication

Chair: Professor Scott (Mass Communication).
Communication Studies: Professor Ford; Associate Professors Hardig, Ozley; Assistant Professor Wang.
Mass Communication: Professor Cofield; Assistant Professors Finklea, Pruitt; Instructor Platenburg.

Majors

The Department of Communication offers Bachelor of Arts and Bachelor of Science degrees in Communication Studies and Mass Communication.

Bachelor of Arts or Bachelor of Science in Communication Studies

Communication Studies is a core liberal art that provides training in the skills required by today’s employers. Students who complete this program should be equipped to prepare and present well organized and reasoned oral and written presentations in a variety of contexts. Students will be able to identify, analyze, and evaluate multiple perspectives of a given argument and will be able to demonstrate knowledge of the implications of ethics in communication. Students will be able to demonstrate appropriate professionalism and can adapt to a variety of contexts when they graduate from this program. The science of interpersonal and group dynamics, effective communication in business and industry, and the art of persuasion and social influence are emphasized in the major.

Bachelor of Arts or Bachelor of Science in Mass Communication

The Mass Communication program teaches the knowledge and skills necessary to enter the fields of radio, television, newspapers, magazines, advertising, video production, corporate/governmental media relations, and web-related communication. The convergence of traditional mass media and the Internet has highlighted the importance of critical thinking, creativity, and effective writing. Career success depends upon adapting to constantly changing technology. Students select a concentration from either Broadcast Production or Multimedia Journalism.

Minors

Minors are available in Communication Studies, Multimedia Journalism, Mass Communication, and Public Relations.

Communication Studies

The Communication Studies minor requires 18 credit hours, including COMS 140, 141, and electives approved by a Communication Studies adviser.

Mass Communication

The Mass Communication minor requires 21 credit hours, including MC 100, 200, 215, 255, and electives approved by a Mass Communication adviser.

Multimedia Journalism

The Multimedia Journalism minor requires 21 credit hours, including MC 100, 200, 255, 265, 300, and electives approved by a Mass Communication adviser. Students majoring in Mass Communication may not minor in Multimedia Journalism.

Public Relations

The Public Relations minor requires 21 credit hours, including COMS 140 and 220, MC 200, and 12 elective hours selected from approved courses across four content areas including Writing, Communication Management, Persuasion, and Production.

Arts Administration

Details about the Arts Administration minor are available under Department of Theatre.

Internships

Students in the Department of Communication are encouraged to seek out internship opportunities. The department recognizes that successful completion of an internship can greatly enhance a student’s job prospects by providing daily work experience in the major. Junior status and a minimum 2.5 GPA are required to earn up to 6 hours of credit to be counted toward the degree (45 hours worked equal 1 hour of course credit). Contact the appropriate Internship Coordinators for details.

Experiential Approach to Learning

Students in the Department of Communication are encouraged to engage in a number of experiential learning opportunities including service learning, undergraduate research, internships, study away, and hands-on learning outside the classroom (i.e. livestreaming athletic events, attending academic conferences, and event planning). The Mass Communication Program utilizes state-of-the-art video equipment. A checkout system allows students to gain experience with the equipment for both class and individual projects.

Student Organizations

Details about the Arts Administration minor are available under Department of Theatre.

Experiential Approach to Learning

Students in the Department of Communication are encouraged to engage in a number of experiential learning opportunities including service learning, undergraduate research, internships, study away, and hands-on learning outside the classroom (i.e. livestreaming athletic events, attending academic conferences, and event planning). The Mass Communication Program utilizes state-of-the-art video equipment. A checkout system allows students to gain experience with the equipment for both class and individual projects.

Student Organizations

Each communication program includes a student club or honorary society: Lambda Pi Eta for Communication Studies; The National Broadcasting Society and Alpha Epsilon Rho for Mass Communication. Students who meet the grade-point requirements and who desire to become actively involved should contact the department chair for details.

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Courses in Communication

Every class is not offered every semester. It is strongly recommended that students arrange their schedules around courses in the major.

Communication Studies
COMS 101 - Foundations of Oral Communication
COMS 102 - Honors Foundations of Oral Communication
COMS 140 - Principles of Public Speaking
COMS 141 - Interpersonal Communication
COMS 200 - Introduction to Communication Research Methods
COMS 220 - Introduction to Public Relations
COMS 299 - Career and Professional Development
COMS 310 - Social Media and Public Relations
COMS 320 - Communication Theory
COMS 330 - Persuasion
COMS 344 - Organizational Communication
COMS 350 - Nonverbal Communication
COMS 355 - Intercultural Communication
COMS 360 - Small Group Communication
COMS 365 - Family Communication
COMS 375 - Gender Communication
COMS 390 - Communication, Leadership, and Society
COMS 410 - Environmental Communication
COMS 420 - Interpersonal Conflict Management
COMS 430 - Argumentation and Debate
COMS 435 - Social Movement Rhetoric
COMS 445 - Communication Training and Development
COMS 450 - Rhetorical Criticism
COMS 460 - Seminar in Communication Studies
COMS 475 - Internship in Communication Studies
COMS 491 - Directed Studies in Communication Studies
COMS 495 - Public Relations Campaigns
COMS 499 - Senior Seminar in Communication Studies

Mass Communication
MC 100 - Introduction to Mass Media
MC 200 - Introduction to Mass Media Writing
MC 210 - Introduction to Media Production
MC 215 - Producing Video in the Studio
MC 255 - Media Writing Fundamentals
MC 265 - Broadcast News Writing
MC 300 - Advanced Journalism Practices
MC 310 - Publication Layout and Design
MC 315 - Video Field and Post Production
MC 320 - Multimedia Videojournalism
MC 325 - Survey of American Cinema
MC 327 - Electronic Photojournalism
MC 333 - Television Newscast Production
MC 355 - Advanced Media Writing
MC 357 - Special Topics in Public Relations
MC 360 - Mass Communication Theory and Media Effects
MC 370 - DVD and Video Graphic Design
MC 375 - Strategies for Video in Social Media
MC 390 - Multimedia Website Creation
MC 400 - Special Topics in Journalism
MC 411 - Video Engineering
MC 412 - Audio Engineering
MC 415 - Advanced Video Post Production
MC 425 - Documentary Production
MC 433 - Advanced TV Newscast Production
MC 450 - Seminar in Mass Communications
MC 452 - Public-Relations Writing
MC 453 - Advanced Journalism Practicum
MC 455 - Media Law
MC 456 - Nonfiction Freelance Writing
MC 460 - Media Management
MC 475 - Internship
MC 491 - Directed Study
MC 494 - Location Production
MC 495 - Broadcast Production Capstone
MC 499 - Multimedia Journalism Capstone
Department of Music

Chair: Professor Goldspiel, Head of Strings and Music Technology, (Guitar, Music Theory)
Professors Ardovino, Head of the Instrumental Area (Conducting, Wind Ensemble, Jazz Band, Trumpet); George, Head of the Voice Area; Landers (Music Theory, Composition); MacCrae, Head of the Keyboard Area; Neprud-Ardovino (Clarinet, Saxophone); Williams (Voice); Associate Professor Wood (Voice, Opera); Assistant Professors Doyle, Director of Choral Activities; Halliday (Music Education); Hoffman, Head of Music Education; Sargent (Music History).

 Majors

All music degree programs include a music core, applied studies, advanced studies, and specialized area studies (for B.A. students, area studies include general electives or an approved minor). Prior study or preparation may exempt students from some courses. The Department of Music offers two degree programs and one minor. Each degree program offers the student the opportunity to concentrate on a particular instrument or voice. The Bachelor of Music combines the University’s distinctive general-education program with professional studies in music to prepare for careers in education, performance, or graduate study in music. The Bachelor of Arts in Music combines music studies with the liberal arts or career-oriented minor programs to prepare for a broad range of careers in the music industry and related areas. Orientation and advising are available from the department to assist students in the choice of a degree plan. The Music Studies minor combines a basic core of music-foundation studies with applied study.

 Bachelor of Music

The Bachelor of Music (B.M.) degree is the professional approach to the music major for the student who wants a strong foundation in music, combined with in-depth training in specific aspects of the art. The department offers concentrations in Choral or Instrumental Music Education and Performance (guitar, percussion, piano, strings, vocal, or winds).

 Performance (all concentrations)

Performance concentrates are required to present a senior full recital and a junior half recital. Students concentrating in performance must include four semesters in a secondary performance area of study (instrumentalists and vocalists may satisfy this requirement with MUP 129, 130, 229, and 230).

 General Education (43 semester hours)

Music Core (32-34 semester hours)

Applied Studies (26–30 semester hours)
16 MUP—8 semesters private instrumental or vocal study (admission by audition only)
8 MUP—8 semesters choral or instrumental ensemble
2 MUP 104—Opera Workshop (Voice only)

4 MUP 1xx—Chamber Ensemble (Piano and Instrumental Performance only)
2 MUP 108—Accompanying (Piano Performance only)
0 MUP 390—Junior Recital
0 MUP 490—Senior Recital

Advanced Studies (10 semester hours)
2 MUS 420—Music Analysis
8 MUS—Elective Study in Music (Instrumental: 8; Organ: 8; Piano: 8; Voice: 8)

Area Studies (8–12 semester hours)

Institutional (9 semester hours):
2 MUS 421—Composition
2 MUS 441—Orchestration
2 MUS 4xx—Literature
3 MUS 4xx—Pedagogy I, II

Piano (8 semester hours):
1 MUS 230—Keyboard Harmony and Technique I
2 MUS 421—Composition
2 MUS 482—Piano Pedagogy I
1 MUS 483—Piano Pedagogy II
2 MUS 469 & 470—Piano Literature I, II

Voice (12 semester hours):
1 MUS 119—Acting for Singers
2 MUS 133 & 134—Voice Lab I, II: English, Italian Diction
2 MUS 233 & 234—Voice Lab III, IV: German, French Diction
3 MUS 361 & 391—Vocal Pedagogy I, II
2 MUS 421—Composition
2 MUS 463 & 464—Vocal Literature I, II

Total Semester Hours: 123–124

Music Education

Designed for those who plan to teach in grades P–12, the concentration in Music Education leads to state teaching certification. Students earning this degree concentration must qualify for admission to the Teacher Education Program of the College of Education, and must perform a half recital during the senior year.

Students may adopt either a general/choral emphasis or an instrumental emphasis. Those in the general/choral area must also select either voice or piano as a primary performance area, and must follow it consistently throughout the degree program.

 General Education (41 semester hours)

Music Core (34 semester hours)

Applied Studies (26 semester hours)
14 MUP—7 semesters private instrumental or vocal study (with 4 voice labs) (admission by audition only)
7 MUP—7 semesters choral or instrumental ensemble
4 MUP—Applied Secondary
1 MUP—Chamber Ensemble
0 MUP 490—Senior Recital

Professional Studies (16 semester hours)
2 MUS 101—Introduction to Music Education
2 MUS 131—Music in School and Society
2 MUS 201—Psychology of Music in Education
2 MUS 232—Curriculum, Instruction, and Assessment in Music Education
3 MUS 301—Elementary and General Music Methods
2 MUS 432—Exceptional Learners in Music Education
3 MUS 415/416—Secondary Choral/Instrumental Music Methods

Internship (9 semester hours)
9 MUS 445/446—Internship

Choral/General Concentration Methods (4 semester hours)
1 MUP 1xx—Vocal Chamber Ensemble
1 MUS 331—Instrumental Music Methods for Vocalists
2 MUS 361 & 391—Vocal Pedagogy I, II

Instrumental Concentration Methods (7 semester hours)
6 MUS 260, 261, 360, 364, 383, 384—Methods Classes
1 332—Choral Music Methods for Instrumentalists

Total Semester Hours: Instrumental, 133; Choral/General, 130–131

Bachelor of Arts

The Bachelor of Arts (B.A.) in music provides for the study of music within the context of the liberal-arts curriculum. Most students earning the B.A. degree are interested in a broad education that includes general education, music courses, and elective study outside of music.

General Education (58 semester hours)

Music Core (26 semester hours)

Applied Studies (10 semester hours)

Secondary Instrument (2 semester hours)

Advanced Studies (8 semester hours)

Area Studies (16 semester hours)

Minor and General Elective Studies (limit 3 hours MUS/MUP)

Total Semester Hours: 120

Minors

Music Studies

This program consists of 21 credit hours distributed among courses in music theory, literature, and performance (private lessons and ensemble). Requirements include MUS 111, 112, 113, 114, (Theory and Music Skills) MUP 129, 130 (Class Piano), MUS 250 (World Music), 4 hours of private lessons at the 100–200 level, 4 hours of ensemble (one per semester), and 2 hours of music electives.

Arts Administration

Details about the Arts Administration minor are available under Department of Theatre.

Music, Applied Private Lessons for Music Majors and Minors (MUP)

The following numbers apply to all four levels of Applied Private Lessons for music majors and approved music minors. Each level may be taken twice for 1–2 credit hours. Study at the 100 level requires consent of instructor. Study at the 200 level requires consent of instructor and two semesters of 100-level study. Study at the 300 level requires successful completion of the Upper-Division Qualifying Exam, consent of instructor, completion of MUS 113, and two semesters of 200-level study. Study at the 400 level requires consent of instructor and two semesters of 300-level study.

<table>
<thead>
<tr>
<th>Number</th>
<th>Subject</th>
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<th>Subject</th>
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<tbody>
<tr>
<td>20</td>
<td>Voice</td>
<td>52</td>
<td>Trumpet</td>
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<tr>
<td>31</td>
<td>Harpsichord</td>
<td>53</td>
<td>Trombone</td>
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<tr>
<td>32</td>
<td>Organ</td>
<td>54</td>
<td>Euphonium</td>
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<tr>
<td>33</td>
<td>Piano</td>
<td>55</td>
<td>Tuba</td>
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<tr>
<td>41</td>
<td>Flute</td>
<td>61</td>
<td>Percussion</td>
</tr>
<tr>
<td>42</td>
<td>Oboe</td>
<td>71</td>
<td>Violin</td>
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<tr>
<td>43</td>
<td>Clarinet</td>
<td>72</td>
<td>Viola</td>
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<tr>
<td>44</td>
<td>Bassoon</td>
<td>73</td>
<td>Cello</td>
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<td>45</td>
<td>Saxophone</td>
<td>74</td>
<td>Double Bass</td>
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<tr>
<td>51</td>
<td>Horn</td>
<td>75</td>
<td>Guitar</td>
</tr>
</tbody>
</table>

Course Descriptions

MUP—classes in applied music, ensembles, and all private lessons.

Students must pass an audition for initial enrollment in 100-level private lessons. An Upper-Division Qualifying Exam is required before enrolling in 300-level MUP private lessons.

Music majors must complete six to eight semesters of MUP private lessons in one area of study (e.g., clarinet, guitar, organ, voice, trumpet) as part of completion of a degree program. Students are also required to undertake a secondary area of study.

MUS—courses in music history, theory, literature, and pedagogy

Credit for Performance Study

The amount of lesson time per week will be a one-half hour lesson for one semester hour of credit and a one-hour lesson for two semester hours of credit.

Music Core (26–34 semester hours)

<table>
<thead>
<tr>
<th>Number</th>
<th>Subject</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>MUS 100—Recital Class*</td>
</tr>
<tr>
<td>8</td>
<td>MUS 111–114—Music Theory and Skills I, II</td>
</tr>
<tr>
<td>8</td>
<td>MUS 211–214—Music Theory and Skills III, IV</td>
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<tr>
<td>10</td>
<td>MUS 250, 252, 341, &amp; 342—Music History</td>
</tr>
<tr>
<td>2–5</td>
<td>MUP—Secondary Applied**</td>
</tr>
<tr>
<td>2</td>
<td>MUS 495—Basic Conducting***</td>
</tr>
</tbody>
</table>

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*Recital Class is offered on an as-needed basis.
**Secondary Applied: Consent of instructor and two semesters of 100-level study required.
***Basic Conducting: Consent of instructor and two semesters of 100-level study required.
College of Fine Arts

0 MUP 490—Senior Recital***
2 MUS 496/497—Choral or Instrumental Conducting****
0 MUP 390—Junior Recital******

* B.A.: 6 semesters; B.M., Music Education: 7 semesters; B.M., Performance: 8 semesters
** Non-Piano concentrates: MUP 129, 130, 229, 230—Class Piano I–IV;
Piano concentrates: 4 semesters of a secondary instrument (4 semester hours);
Choral/General Music Education using piano as a primary instrument:
MUP 120 and 220—Voice, and MUS 133 Voice Lab I/English Language Diction (5 semester hours);
B.A. only: MUP 129, 130—Class Piano I, II (2 semester hours)
*** Not required for B.A.
**** Music education and instrumental performance majors only
******* B.M. performance only

General Education
The General Education core curriculum, described in the Academic Programs and Policies chapter of this Bulletin, applies to all music concentrations with the following exceptions:
- Personal Development: Take MUS 228 (Music Technology)
- Humanities and Fine Arts: Take MUS 342 (Music History, 19th Century to Present)
- Foreign Language: Two semesters are required for Voice Performance majors
- History, Social and Behavioral Sciences: PSYC 201 and EC 231 or 232 are required for Music Education majors
- Natural Sciences and Math: Biology is required for Music Education majors

Music Study for Non-Majors

General Education
Invitation to Listening (MUS 121), Invitation to Listening (Honors) (MUS 122), American Music Culture (MUS 125), School Music for the Elementary Teacher (MUS 255), and Music History, 19th Century to Present (MUS 342) are options for completing the Fine Arts core requirement.

Ensembles
The department’s choral and instrumental ensembles actively seek qualified participants who are non-music majors. A complete list of ensembles is provided on page 80.

Private Lessons
Based on availability, individual music instruction is open to all students who meet the stated prerequisites. Priority is given to music majors. In addition to tuition, a private-lesson fee of $65 or class-lesson fee of $50 will be charged for each credit hour.

Admission and Retention
Admission to a degree program or minor in music is based on an audition in the primary performance area.

B.M. students whose primary instrument is not piano must complete the four-semester Class Piano course sequence (MUP 129, 130, 229, and 230). B.A. students whose primary instrument is not piano or organ must complete the first two semesters of the sequence. Placement in this series depends on results of the admission test in functional piano. Test results may offer the option of another secondary performance area to meet this credit requirement.

All music majors must enroll in MUS 100 for eight semesters (seven semesters for Music Education majors; six for B.A. majors). This zero-credit course requires students to maintain a satisfactory attendance record at recitals and concerts.

A minimum grade of C is required for all required music courses.

Advanced standing in music from other accredited institutions is determined by audition in the primary performance area and appropriate examinations in music theory, ear training, sight singing, music history, and functional piano.

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Courses in Music

Music Courses
MUS 100 - Recital and Concert Attendance
MUS 101 - Introduction to Music Education
MUS 111 - Principles of Music Theory I
MUS 112 - Music Skills I
MUS 113 - Principles of Music Theory II
MUS 114 - Music Skills II
MUS 119 - Acting for Singers
MUS 121 - Invitation to Listening
MUS 122 - Invitation to Listening (Honors)
MUS 125 - American Music Culture
MUS 131 - Music in School and Society
MUS 133 - Voice Lab I/English Language Diction
MUS 134 - Voice Lab II/Italian Language Diction
MUS 200 - Music Education Forum
MUS 201 - Psychology of Music in Education
MUS 211 - Principles of Music Theory III
MUS 212 - Music Skills III
MUS 213 - Principles of Music Theory IV
MUS 214 - Music Skills IV
MUS 228 - Music Technology
MUS 230 - Keyboard Harmony and Technique I
MUS 232 - Curriculum, Instruction, and Assessment in Music Education
MUS 233 - Voice Lab III/German Language Diction
MUS 234 - Voice Lab IV/French Language Diction
MUS 250 - World Music
MUS 252 - Music History, Medieval/Renaissance
MUS 255 - School Music for the Elementary Teacher
MUS 260 - Single-Reed Methods
MUS 261 - Flute/Double-Reed Methods
MUS 301 - Elementary and General Music Methods
MUS 316 - Marching Band Methods
MUS 317 - Jazz Improvisation
MUS 331 - Instrumental Music Methods for Vocalists
MUS 332 - Choral Music Methods for Instrumentalists
MUS 338 - Music Technology II
MUS 341 - Music History, Baroque/Classical
MUS 342 - Music History, 19th Century to Present
MUS 343 - History of Jazz
MUS 360 - High-Brass Methods
MUS 361 - Vocal Pedagogy I
MUS 363 - Organ Literature
MUS 364 - Low-Brass Methods
MUS 383 - Percussion Methods
MUS 384 - String Methods
MUS 391 - Vocal Pedagogy II
MUS 415 - Secondary Choral Music Methods
MUS 416 - Secondary Instrumental Music Methods
MUS 418 - Guitar Literature
MUS 419 - Percussion Literature
MUS 420 - Music Analysis
MUS 421 - Composition
MUS 422 - Composition II
MUS 423 - Flute Literature
MUS 425 - Oboe Literature
MUS 427 - Clarinet Literature
MUS 429 - Saxophone Literature
MUS 430 - History of Opera
MUS 431 - Bassoon Literature
MUS 432 - Exceptional Learners in Music Education
MUS 433 - Horn Literature
MUS 435 - Trumpet Literature
MUS 437 - Low-Brass Literature
MUS 441 - Orchestration
MUS 442 - Orchestration II
MUS 445 - Internship in Elementary and Choral Music Education
MUS 446 - Internship in Elementary and Instrumental Music Education
MUS 448 - Flute Pedagogy I
MUS 449 - Flute Pedagogy II
MUS 450 - Oboe Pedagogy I
MUS 451 - Oboe Pedagogy II
MUS 452 - Clarinet Pedagogy I
MUS 453 - Clarinet Pedagogy II
MUS 454 - Saxophone Pedagogy I
MUS 455 - Saxophone Pedagogy II
MUS 456 - Bassoon Pedagogy I
MUS 457 - Bassoon Pedagogy II
MUS 458 - Horn Pedagogy I
MUS 459 - Horn Pedagogy II

MUS 460 - Trumpet Pedagogy I
MUS 461 - Trumpet Pedagogy II
MUS 462 - Wind and Percussion Literature
MUS 463 - Vocal Literature I
MUS 464 - Vocal Literature II
MUS 469 - Piano Literature I
MUS 470 - Piano Literature II
MUS 471 - Low-Brass Pedagogy I
MUS 472 - Low-Brass Pedagogy II
MUS 477 - Percussion Pedagogy I
MUS 478 - Percussion Pedagogy II
MUS 479 - Guitar Pedagogy I
MUS 480 - Guitar Pedagogy II
MUS 481 - Seminar in Music History
MUS 482 - Piano Pedagogy I
MUS 483 - Piano Pedagogy II
MUS 490 - Directed Independent Study in Composition
MUS 491 - Directed Independent Study in Music
MUS 492 - Directed Independent Study in Music Education
MUS 495 - Basic Conducting
MUS 496 - Choral Conducting
MUS 497 - Instrumental Conducting

Music, Applied Classes
MUP 390 - Junior Recital
MUP 490 - Senior Recital

Music, Applied Private Lessons for Non-Majors
MUP 126 - Elective Voice
MUP 136 - Elective Keyboard
MUP 146 - Elective Woodwind
MUP 156 - Elective Brass
MUP 166 - Elective Percussion
MUP 176 - Elective Strings

Music Ensembles
MUP 101 - Chamber Choir
MUP 102 - University Chorus
Department of Theatre
Chair: Professor Callaghan (Acting/Directing).
Professor Peters (Dean of the College of Fine Arts
and Arts Administration, Acting/Directing); Associate
Professors Gill (Costume Design and Make-Up),
Laeger (Scenic and Lighting Design); Lane (Act-
ing/Directing); Assistant Professors Moore (Tech-
nical Direction), Walker (Acting/Directing).

Majors
Bachelor of Arts or Bachelor of Science
In addition to completing the General Education
core, the B.A./B.S. Theatre curriculum requires 38
credit hours of theatre courses. A total of 120 hours is
required to graduate with a B.A./B.S. in Theatre. The
B.A./B.S. in Theatre provides exposure to all areas of
the department and prepares students for a variety of
career paths, including work in the entertainment
industry. However, this degree best serves students
interested in a double major, minor or elective courses
who intend to graduate in four years without taking ex-
tensive additional coursework. All Theatre majors
(B.A./B.S.) are expected to actively participate in de-
partmental productions and must maintain a minimum
2.0 GPA to participate in productions that are not class
assignments.

Bachelor of Fine Arts
Students may pursue a B.F.A. Theatre degree with a
concentration in Acting, Design/Technology (Cos-
tume Design or Scenic/Lighting Design), Directing, or
Musical Theatre. The B.F.A. is a pre-professional de-
gree for students intending to commit to the pursuit of
a career in the entertainment industry as undergradu-
ates. B.F.A. students fulfill the university’s liberal arts
requirements, but take all their additional coursework
in theatre and their specific concentration.

Students seeking admission to the B.F.A. program
must:
• pass a screening examination by the Theatre fac-
ulty during the sophomore year or, for transfer stu-
dents, after one semester at UM to continue on the
B.F.A. degree track. A student can audition again if
not initially accepted, but no more than three times;
• have completed THEA 120 (not required for Mu-
sical Theatre), 213, 250, 270, 423, 424, and electives
including THEA 213, 250, 270, 423, 424, and electives
approved by their advisor to audition;
• demonstrate an aptitude and serious commitment
in the chosen concentration area and;
* Students seeking the B.F.A. with a concentration in Act
ing, Musical Theatre and Directing are required to
audition for all departmental mainstage productions.
* Students seeking the B.F.A. with a concentration in De-
sign and Technology are required to interview for
production positions on all departmental mainstage
productions, as well as attend required annual portfo-
lio reviews.
* A Senior Project (THEA 465) is required of every can-
didate for the B.F.A. Theatre degree. Specific
guidelines for projects are available in the Theatre De-
partment office.

Acting Concentration
In addition to completing the General Education
core, the B.F.A. concentration in Acting requires 71
credit hours. A total of 121 credit hours is required to
graduate.

Design/Technology Concentration
In addition to completing the General Education
core, the B.F.A. concentration in Design/Technology
requires 71 credit hours. A total of 121 credit hours is
required to graduate.

Directing Concentration
In addition to completing the General Education
core, the B.F.A. concentration in Directing requires 71
credit hours. A total of 121 credit hours is required to
graduate.

Musical Theatre Concentration
In addition to completing the General Education
core, the B.F.A. concentration in Musical Theatre re-
quires 77 credit hours. A total of 127 credit hours are
required to graduate.

Minors
Arts Administration
The Arts Administration Minor consists of 21
credit hours distributed among courses in business, fi-
nance, and theatre, and three credit hours each from
art, business, and communication. Students from all
UM majors may minor in Arts Administration. The Arts
Administration minor is designed for students with an
interest in leading, managing and participating in arts
organizations and activities across the arts sector.
Course requirements encourage students to see the re-
relationship between arts and culture, communication,
public relations, business and finance, as well as the
needs and challenges facing the contemporary enter-
tainment industry. Experiential learning experiences
in the form of applied credits provide students with
hands-on learning opportunities that extend classroom
learning into the campus arts community and provide
students with professional experiences. Students grad-
uating with an Arts Administration minor are prepared
to work in a variety of settings within the arts sector
and to successfully implement methodologies for arts
program development and arts administration across a
range of formal and informal, for-profit, nonprofit, and
public arts organizations within a community.

Theatre
The minor in Theatre requires 21 credit hours, in-
cluding THEA 213, 250, 270, 423, 424, and electives
approved by a Theatre adviser.

Minors
Minors are offered in Arts Administration and
Theatre.

Auditions
All UM Theatre majors who have not declared a
focus of study in technical/design areas (B.A., B.S.,
and B.F.A.) must audition for University theatre pro-
ductions even if they are not available for casting. Two
or more unexcused absences from these required audi-
tions may result in a student's removal from the Theatre degree program. Additionally, all technical/design students must apply for and complete an interview each semester to be considered for leadership assignments and opportunities (as well as attend annual portfolio reviews).

Incoming students must audition to enter the Musical Theatre track and start voice lessons. Incoming B.A./B.S. students do not need to audition. However, all students interested in B.F.A. degree programs, including the Musical Theatre concentration, must formally audition for them during the sophomore year.

Students are encouraged to audition for B.F.A. degree concentrations during the sophomore year so that they can pursue an appropriate degree track that will advance them toward graduation in a timely manner. Acceptance into the B.F.A. programs after the sophomore year may extend a student's time toward graduation.

Courses in Theatre

**Theatre**

- THEA 101 - Freshman Applied Theatre I
- THEA 102 - Voice Lessons
- THEA 120 - Introduction to Theatre
- THEA 121 - Acting for Non-Majors
- THEA 122 - Honors Introduction to Theatre
- THEA 201 - Freshman Applied Theatre II
- THEA 212 - Musicianship for Actors/Singers
- THEA 213 - Acting I
- THEA 215 - Dance
- THEA 217 - Costume Construction
- THEA 250 - Stagecraft I
- THEA 270 - Directing I
- THEA 300 - Play Analysis, Theory and Criticism
- THEA 301 - Applied Theatre-Makeup
- THEA 302 - Applied Theatre-Lighting
- THEA 303 - Applied Theatre-Costumes
- THEA 304 - Applied Theatre-Management
- THEA 305 - Applied Theatre-Acting
- THEA 306 - Applied Theatre-Stage Management
- THEA 307 - Applied Theatre-Scenery
- THEA 308 - Applied Theatre-Directing
- THEA 309 - Applied Theatre-Sound
- THEA 310 - Applied Theatre-Props
- THEA 312 - Audition Techniques
- THEA 313 - Acting II
- THEA 314 - Fundamentals of Theatre Design
- THEA 315 - Acting Workshop
- THEA 318 - Costume Design I
- THEA 340 - Voice I
- THEA 350 - Stagecraft II
- THEA 355 - Stage Lighting and Design
- THEA 360 - Scene Design I
- THEA 361 - Musical-Theatre Styles I
- THEA 370 - Directing II
- THEA 371 - Playwriting I
- THEA 380 - Stage Movement I
- THEA 382 - Mask Work
- THEA 390 - Stage Makeup
- THEA 400 - Stage Combat
- THEA 401 - Acting for the Camera
- THEA 404 - Theatre and Arts Management
- THEA 409 - Period Play Production
- THEA 413 - Acting III
- THEA 414 - Seminar: Career Preparation
- THEA 417 - Costume History
- THEA 418 - Costume Design II
- THEA 419 - Costume Construction II
- THEA 422 - Musical Theatre History/Literature
- THEA 423 - Theatre History I
- THEA 424 - Theatre History II
- THEA 440 - Voice II: Diction and Dialects
- THEA 450 - Special Theatre Seminar
- THEA 457 - Theatrical Computer Aided Drafting
- THEA 460 - Scene Design II
- THEA 462 - Musical Theatre Styles II
- THEA 463 - Musical Theatre Styles III
- THEA 465 - Senior Project
- THEA 470 - Directing III
- THEA 475 - Internship
- THEA 480 - Stage Movement II
- THEA 491 - Directed Study
Courses of Instruction (Undergraduate)

(Accounting = Approved General Education Course)

**AC 221 - Principles of Accounting I**
3 credit hours
Principles and procedures involved in the accounting cycle, with emphasis on the logical application of accounting theory to the recording and interpretation of business transactions.

**AC 222 - Principles of Accounting II**
3 credit hours
Emphasis on accounting procedures for the planning and control of company activities and the significance of accounting information for managerial decision-making. Prerequisite(s): AC 221.

**AC 310 - Computerized Data Analysis**
3 credit hours
Advanced elements of electronic spreadsheets and proper usage of their commands, macros, and functions. Building spreadsheets, creating graphs and formulas for financial analysis and other business applications. A student cannot receive credit for this course and MIS 310. Prerequisite(s): MIS 161. (Cross-listed with MIS 310).

**AC 324 - Intermediate Accounting I**
3 credit hours
Financial accounting theory and practice, including thorough study of the accounting principles underlying reports on financial position and results of business operation. Junior standing required. Prerequisite(s): AC 222.

**AC 325 - Intermediate Accounting II**
3 credit hours
Continuation of AC 324. Prerequisite(s): AC 324.

**AC 326 - Cost Accounting I**
3 credit hours
Principles of manufacturing and distribution cost accounting. Emphasis on determination of unit costs for the manufacturer, service costs, standard costs, departmental costs, types of cost systems, use of cost accounting data in administering a business, and the measurement of operating results. Junior standing required. Prerequisite(s): AC 222.

**AC 327 - Intermediate Accounting III**
3 credit hours
Continuation of AC 325. Prerequisite(s): AC 325.

**AC 360 - Accounting Information Systems**
3 credit hours
An introduction to accounting information systems, including emphasis on transaction processing cycles; also, includes emphasis on accounting systems controls related to input, processing, output, and storage. Includes an introduction to accounting systems software. Junior standing required. Prerequisite(s): AC 222.

**AC 409 - Internship in Accounting**
3 credit hours
Work-related experience in a private, public, or government organization enhancing student learning of academic concepts and theories in accounting. Course may be repeated or completed for up to 6 credit hours on a pass/fail basis. Accounting majors with senior standing and GPA of at least 3.0, or consent of instructor required.

**AC 410 - Internship in Accounting II**
3 credit hours
Work-related experience in a private, public, or governmental organization enhancing student learning of academic concepts and theories in accounting. Accounting majors with senior standing and GPA of at least 3.0, or consent of instructor required.

**AC 421 - Income Tax I**
3 credit hours
Comprehensive study of federal income-tax principles and concepts as applied to individuals. Junior standing required. Prerequisite(s): AC 222.

**AC 422 - Advanced Accounting**
3 credit hours
Accounting for partnerships, and the complexities that business combinations present to accountants. Course also examines accounting for international business operations and other selected advanced accounting topics. Prerequisite(s): AC 325.

**AC 423 - Auditing I**
3 credit hours
Theory and concepts underlying generally accepted auditing standards, with emphasis on the professional, ethical, and legal environments in which auditors work. Topics include the profession's standard-setting structure, code of ethics, Securities Acts of 1933 and 1934, Statements on Auditing Standards, and attribute sampling. Theory and concepts underlying generally accepted auditing standards, with emphasis on the professional, ethical, and legal environments in which auditors work. Prerequisite(s): AC 325.

**AC 425 - Governmental and Not-for-Profit Accounting**
3 credit hours
Special features of budgetary and fund accounting as applied to municipalities, other government units, and institutions such as hospitals and schools. Junior standing. Prerequisite(s): AC 222.

**AC 426 - Cost Accounting II**
3 credit hours
Managerial application of cost data in decision making, including cost-volume-profit analysis, budgeting, distribution...
costs, and capital investment. Junior standing required. Prerequisite(s): AC 326.

AC 427 - Income Tax II
3 credit hours
Federal income-tax principles and concepts as they apply to partnerships, corporations, estates, trusts, and gifts. Prerequisite(s): AC 421. (Cross-listed with AC 527.)

AC 428 - Auditing II
3 credit hours
Procedural aspects of auditing, including internal control evaluation, audit program design, variable sampling, and EDP auditing. A case study that reinforces these topics is used, and emphasis is placed on auditing with the micro-computer. Includes an introduction to both transaction-cycle and balance sheet audits. Prerequisite(s): AC 423. (Cross-listed with AC 528.)

AC 460 - Special Topics in Accounting
3 credit hours
Study of a special topic in accounting. This course may be repeated once for up to 6 credit hours. Restricted to accounting majors. Prerequisite(s): AC 222.

AC 476 - Applied Research in Accounting
3 credit hours
Directed research in accounting. Course may be repeated for a total of 6 credit hours. Restricted to senior standing and consent of instructor.

AC 481 - Professional Accountancy Certification
3 credit hours
A preparatory course for professional accountancy certification exam. Detailed study of topics and procedures related to professional accountancy certification. Restricted to senior standing and consent of instructor. (Cross-listed with AC 581.)

Air Force ROTC
Samford University

AFRC 101 - The Air Force Today I
1 credit hour
A course covering topics relating to the Air Force and national defense, as well as purpose, structure, and career opportunities in the United States Air Force. Written communications. Fall only. Course offered by Samford University. Co-requisite(s): AFRC 101L.

AFRC 101L - Air Force ROTC Leadership Lab
0 credit hours
Required for all Air Force ROTC cadets who are enrolled in AFROTC classes and who wish to pursue a commission as a Second Lieutenant upon graduation. The Lab is not required for students who are taking AFROTC courses for academic elective credit only. The 2-hour leadership lab provides students with the opportunity to develop their leadership skills and physical fitness. Students will apply classroom concepts to practical leadership scenarios and will participate in an Air Force fitness training program that will prepare them for the challenges of active duty.

AFRC 102 - The Air Force Today II
1 credit hour
Interpersonal communications, effective listening techniques and verbal and non-verbal communications. Practical exercises and group projects to demonstrate barriers to effective communication and techniques to overcome barriers. Development and presentation of strategy, technique, and delivery or effective oral presentations. Students should also take AERO 102 LLab (Samford). Spring only. Course offered by Samford University.

AFRC 201 - Development of Air Power I
1 credit hour
Historical survey of technological innovation in warfare. Focus on the emergence of air power and its significance in war and national security policy implementation. Advanced practical application of written communication skills. Students should also take AERO 201 LLab (Samford). Fall only. Course offered by Samford University.

AFRC 202 - Development of Air Power II
1 credit hour
Leadership and followership traits in context of modern military force. Ethical standards of military officers and Air Force core values. Total quality management. Advanced application of oral communication skills. Organization, research, delivery, and audience analysis for briefings and presentations. Group leadership communications. Students should also take AERO 202 LLab (Samford). Spring only. Course offered by Samford University.

AFRC 300 - Field Training
2 credit hours
Officership training and evaluation course to select potential candidates for POC. Rigorous physical training. This course is offered at Maxwell AFB, AL by Samford University. Summer only. Permission of professor of aerospace studies (Samford University).

AFRC 301 - Air Force Leadership and Management I
3 credit hours
Selected concepts, principles, and theories of Air Force leadership and management. Individual leadership skills and personal strengths and weaknesses as applied to an Air Force environment. Students should also take AERO 301 LLab (Samford). Fall only. Course offered by Samford University. Prerequisite(s): AFRC 300.

AFRC 302 - Air Force Leadership and Management II
3 credit hours
Selected Air Force officer's duties and responsibilities as subordinate leader. Responsibilities and authority of an Air Force officer. Application of listening, speaking, and writing skills in Air Force-peculiar formats and situations with accuracy, clarity, and appropriate style. Air Force officer's responsibilities in personal counseling and feedback process. Spring only. Course offered by Samford University. Prerequisite(s): AFRC 301.

AFRC 401 - National Security Policy I
3 credit hours
Basic elements of national security policy and process.
Roles and missions of air power in implementing national security policy. Students should also take AERO 401 LLab (Samford). Fall only. Course offered by Samford University. Prerequisite(s): ARRC 302.

**AFRC 402 - National Security Policy II**  
3 credit hours  
Contemporary roles for military in society and current issues affecting the military profession. Comparative analysis of civil and military justice systems. Students should also take AERO 402 LLab (Samford). Spring only. Course offered by Samford University. Prerequisite(s): ARRC 401.

**Anthropology**  
*College of Arts & Sciences*  

**ANTH 210 - Introduction to Anthropology**  
3 credit hours  
The study of human variation, biological and behavioral, in the present as well as the past. This course explores the varied solutions of different peoples to the same basic problems, survival, social relationships, and the comprehension of the world in which they live.

**ANTH 211 - Introduction to Archaeology**  
3 credit hours  
Introduction to the methods and theory used by archaeologists to reconstruct past societies by interpreting material culture and the landscape.

**ANTH 311 - Selected Topics in Anthropology**  
3 credit hours  
Topics vary and will be announced prior to registration period. Course may be repeated for credit as topic changes. Junior or senior standing required. Prerequisite(s): ANTH 210.

**ANTH 410 - Theory and Methods in Anthropology**  
3 credit hours  
Topics vary and will be announced prior to registration period. Course may be repeated for credit as topic changes. Senior standing required. Prerequisite(s): ANTH 210.

**Army ROTC**  
*University of Alabama at Birmingham*  

**ARRC 101 - Military Leadership**  
2 credit hours  
Foundations of officership, examines the unique duties and responsibilities of officers. Discusses organization and role of the Army; reviews basic life skills pertaining to fitness and communication; analyzes Army values and expected ethical behavior. Course offered by UAB.

**ARRC 102 - Military Leadership**  
2 credit hours  
Basic leadership presents fundamental leadership concepts and doctrine. Practices basicskills that underlie effective problem solving; applies active listening and feedback skills; examines factors that influence leader and group effectiveness and examines the officer experience. Course offered by UAB.

**ARRC 103 - Military Science I**  
2 credit hours  
Action-oriented. Gives you an opportunity to conquer your fears by facing extraordinary activities such as rappelling from a 40-foot tower, firing live rounds from an assault rifle, water survival, and orienteering. Water survival, hiking, canoeing, rappelling, marksmanship. Course offered by UAB.

**ARRC 201 - Military Leadership**  
2 credit hours  
Continuation of Quality Leadership and Management. Emphasizes individual skills necessary to be a successful leader and manager. Instruction on written and interpersonal communications, briefing/presentation skills, hands-on office equipment and computer software training. First aid and map reading. Course offered by UAB.

**ARRC 202 - Military Leadership**  
2 credit hours  
Continuation of Quality Leadership and Management. Group and individual physical fitness programs. Health and nutrition, weight control management and counseling techniques, safety management. Logistics management, planning and organizational skills, meeting management, general employee counseling techniques. Course offered by UAB.

**ARRC 203 - Leadership and Management**  
2 credit hours  
Quality Leadership and Management. Group and individual physical fitness programs. Health and nutrition, weight control management and counseling techniques, safety management. Logistics management, planning and organizational skills, meeting management, general employee counseling techniques. Course offered by UAB.

**ARRC 204 - Rangers**  
1 credit hour  
Develop leadership qualities of ROTC cadets through small unit tactics, self discipline, self confidence, and resourcefulness. Enrolled cadets may participate in the two day, 27-school South East Conference invitational varsity Ranger Challenge competition. Course offered by UAB.

**ARRC 301 - Military Leadership**  
3 credit hours  
Leadership and Problem solving examines basic skills that underlie effective problem solving; analyzes the role officers played in the transition of the Army from Vietnam to the 21st century; reviews the features and execution of the Leadership Development Program; analyzes military missions, plan military operations and executes squad battle drills. Course offered by UAB. Prerequisite(s): ARRC 101 ARRC 102 ARRC 201, and ARRC 202 with grades of C or higher.

**ARRC 302 - Military Leadership**  
3 credit hours  
Leadership and Ethics probes leader responsibilities that
ART 101 - Drawing I
3 credit hours
Principles, materials, techniques, and concepts of drawing. Emphasis on line, value, form, and composition through exercises in rendering still-life, natural objects, and some perspective. Required of all studio majors.

ART 112 - Drawing II
3 credit hours
A continuation of techniques and concepts of drawing from ART 112, including media exploration and color drawing materials. Subjects include still-life, photographic material, landscape, and figure. Required of all studio majors. Prerequisite(s): ART 112.

ART 122 - Two-Dimensional Design and Color
3 credit hours
Introduction to creative process, composition, color theory, and practice through a variety of two-dimensional exercises. Required of all studio majors.

ART 132 - Three-Dimensional Design/Tools & Materials
3 credit hours
Theory, tools, materials, and processes used in the production of three-dimensional forms. Required of all studio majors.

ART 218 - History of Art I
3 credit hours
General Education Course
Survey of the history of art from Ancient through Medieval periods. Required of all Art majors.

ART 219 - History of Art II
3 credit hours
General Education Course
Survey of the history of art from Renaissance through Contemporary periods. Required of all Art majors.

ART 224 - Introduction to Ceramics
3 credit hours
Introduction to the major ceramics processes and firing techniques. Emphasis on wheel throwing with a survey of off-wheel approaches (mold making, extrusion, hand building). Prerequisite(s): For majors: ART 132.

ART 227 - Special Studies
1-3 credit hours
Variable credit for major department trips. Journal and other special projects required. Consent of instructor required.

ART 228 - Introduction to Painting
3 credit hours
Introduction to oil painting. Still-life subjects and a variety of techniques introduce descriptive painting. Prerequisite(s): ART 112 and 122.

ART 230 - Introduction to Printmaking
3 credit hours
Methods and materials of printmaking, with emphasis on monotype, relief, and intaglio techniques. Prerequisite(s): ART 112 and 122.
Courses of Instruction

ART 242 - Introduction to Photography
3 credit hours
Basic 35mm camera operation, black-and-white film processing and printing. Students will need a manual 35mm camera with light meter.

ART 250 - Introduction to New Media
3 credit hours
General Education Course
Exploration of solutions to problems in visual art using various imaging, animation, and multimedia software. Students use the computer to explore new possibilities of electronic media and art. Prerequisite(s): ART 219 or consent of instructor.

ART 255 - Introduction to Graphic Design
3 credit hours
General Education Course
Fundamental investigation of graphic design principles, tools, methods, and processes, with an emphasis on technical skills. Prerequisite(s): ART 112 and 122.

ART 270 - Introduction to Sculpture
3 credit hours
Introduction to materials and processes used in the production of sculpture. Prerequisite(s): ART 132.

ART 291 - B.F.A. Foundation Seminar
1 credit hour
Introduction to professional practices in art and assessment of student's overall progress in the B.F.A. degree program through workshops, assignments, and the B.F.A. Foundation Portfolio Review. Prerequisite(s): Normally taken during the second semester of the sophomore year with completion of, or current enrollment in, ART 112, 113, 122, 132, 218, 219, and two introductory studios.

ART 300 - Graphic Design: Typography
3 credit hours
Investigation of fundamental to advanced aspects of typographic design, including letterforms legibility, grid systems, hierarchical and expressive typographic structures, exploring traditional and non-traditional forms. Prerequisite(s): ART 255.

ART 301 - History of Ancient Art
3 credit hours
History of art and architecture produced in ancient Greece and Rome. Prerequisite(s): ART 218 or consent of instructor.

ART 302 - History of Medieval Art
3 credit hours
History of art and architecture produced in western Europe from the 5th through the 14th centuries, with emphasis on the Romanesque and Gothic periods. Prerequisite(s): ART 218 or consent of instructor.

ART 305 - History of 17th- and 18th-Century Art
3 credit hours
History of art and architecture produced in Europe during the 17th and 18th centuries, with an emphasis on painting and sculpture. Prerequisite(s): ART 219 or consent of instructor.

ART 306 - History of 19th-Century Art
3 credit hours
History of art and architecture produced in Europe and America during the 19th century, with an emphasis on painting and sculpture. Prerequisite(s): ART 219 or consent of instructor.

ART 307 - History of Modern Art, 1860-1945
3 credit hours
History of art and architecture produced from 1860-1945, with an emphasis on Modern movements in the 20th century. Prerequisite(s): ART 219 or consent of instructor.

ART 308 - History of Art 1945-2000
3 credit hours
History of art and architecture produced from 1945-2000, with an emphasis on the transition from the Modern to Postmodern periods. Prerequisite(s): ART 219 or consent of instructor.

ART 313 - Advanced Drawing: Series
3 credit hours
In this advanced drawing course students will complete a group of drawings united in theme or approach. Students will develop skills relating to narrative and non-narrative structure in their work using a variety of media. Prerequisite(s): ART 113 and 122.

ART 314 - Advanced Drawing: The Human Figure
3 credit hours
Advanced study of the human figure, with an emphasis on color and expressive composition. Offered on a rotating basis with other 300/400-level drawing courses. Prerequisite(s): ART 113 and ART 122.

ART 315 - Advanced Drawing: Narrative Drawing
3 credit hours
In this course students will explore the concept of narrative drawing, using a variety of drawing media, such as charcoal, graphite, pastel, colored pencil, ink, and watercolor. Projects will include themes such as symbolism, book arts, storytelling, metaphor, literature, and non-linear narrative. Prerequisite(s): ART 113 and 122.

ART 322 - Ceramics: Atmosphere Firing
3 credit hours
Exploration of the techniques and materials of wood, salt, and other atmosphere firings used in the finishing of ceramic ware. Prerequisite(s): ART 224.

ART 324 - Ceramics: Mold-making
3 credit hours
Single and multi-piece molds and creative applications of casting multiples. Prerequisite(s): ART 224.

ART 325 - Ceramics: Wheel-throwing
3 credit hours
Use of wheel-throwing techniques in the creation of large-scale, functional, and sculptural forms. Prerequisite(s): ART 224.
ART 326 - Special Topics
3 credit hours
The Art Department occasionally offers courses on special topics or processes in order to provide students an opportunity to work in areas not included in the regular curriculum. Consent of instructor required.

ART 327 - Special Topics in Art History
1-3 credit hours
The Art Department occasionally offers courses on special topics in art history in order to provide students an opportunity to work in areas not included in the regular curriculum. Consent of instructor required.

ART 328 - Figure Painting
3 credit hours
Figure painting, including work from live models and photographic sources. Prerequisite(s): ART 228.

ART 330 - Printmaking: Intaglio
3 credit hours
Concentration on copper plate etching, including color and photomechanical techniques. Advanced printmaking classes may be taken in any order. Prerequisite(s): ART 230.

ART 331 - Printmaking: Screen Printing
3 credit hours
Concentration on screen printing using color, direct stencil, and photomechanical techniques. Advanced printmaking classes may be taken in any order. Prerequisite(s): ART 230.

ART 350 - Graphic Design: Symbology
3 credit hours
Analysis of signs, symbols, and images to design a visual identity system, which involves logos, trademarks, corporate identity, and signage influence by social, cultural, environmental, and technological factors. Prerequisite(s): ART 255.

ART 355 - Graphic Design: Multimedia
3 credit hours
Designing for the web as an effective communication vehicle, providing visual aesthetic, user-friendly, informational, and functional elements to convey information. Prerequisite(s): ART 255.

ART 356 - Graphic Design: Publication Design
3 credit hours
Designing fundamental methods of typographical layout, editing images, space, and structure. Examining different styles, techniques, and images related to the book cover, magazine, editorial, catalogue, newspaper, and bookbinding. Prerequisite(s): ART 255.

ART 361 - New Media: Animation
3 credit hours
Introduction to the basic principles of animation. Scripting and storyboarding will be an important foundation for continuing work in animation. Currently available software will be used to develop animation for the Web, and for creative art. Prerequisite(s): ART 250.

ART 362 - New Media: Web Media
3 credit hours
Introduction to the theory and practice of art on the Internet. Critically examines the World Wide Web in its application as a digital arts exhibition space, design lab, and communication tool. Not only provides technical information, but also helps frame the Internet as a conceptual forum with historical, philosophical, and aesthetic roots. Prerequisite(s): ART 250.

ART 363 - New Media: Digital Video
3 credit hours
Strategies and basic skills for visual and audio production of time-based cinemas. Structural, experimental, improvisational, image and audio processing, and event-oriented approaches are explored in conjunction with instruction in the use of digital and analog equipment. Prerequisite(s): ART 250.

ART 375 - Sculpture: Environmental
3 credit hours
Production of environmental, site specific, and temporary sculptural installations and objects using raw materials and low-tech processes. Prerequisite(s): ART 250.

ART 391 - B.F.A. Concentration Seminar
1 credit hour
Continuation of professional practices in art and assessment of student's overall progress in the B.F.A. degree program through workshops, assignments, and the B.F.A. Concentration Portfolio Review. Prerequisite(s): Normally taken during the second semester of the junior year after ART 291 and completion of, or current enrollment in, 18 credit hours of studio and art-history classes, including at least two classes in the concentration.

ART 394 - Photography: Advanced Black-and-White
3 credit hours
Advanced control with black-and-white photography. Emphasis on developing technical skill and personal direction in image making. Prerequisite(s): ART 242.

ART 396 - Advanced Drawing: Illustration
3 credit hours
Illustrative and narrative drawing; includes both black-and-white and color drawing media. Prerequisite(s): ART 113 and 122.

ART 399 - Water-Based Media
3 credit hours
Exploration of various water-based media. A variety of drawing and painting processes will be used; focus in drawing or painting is possible. Prerequisite(s): ART 228.

ART 400 - Graphic Design: History and Application
3 credit hours
Understanding graphic design as affected by social, political, international, and technological developments. Emphasis on developing visual arts and design in association with historical research. Prerequisite(s): ART 255.

ART 402 - History of Italian Renaissance Art
3 credit hours
History of painting, sculpture, and architecture produced in
Courses of Instruction

Italy from the early to high Renaissance. Prerequisite(s): ART 218 or consent of instructor.

ART 403 - Contemporary Art
3 credit hours
Exploration of production, theory, and criticism of Contemporary Art. Prerequisite(s): ART 219 or consent of instructor.

ART 405 - Art and the Environment
3 credit hours
Exploration of the pictorial development of landscape and the development of new approaches to art during times of growing awareness of ecology and sustainability. Prerequisite(s): ART 219.

ART 406 - History of Photography
3 credit hours
Survey of the history of photography and contemporary criticism.

ART 408 - Directed Research in Art History
1-3 credit hours
Reading and research under direction and supervision of appropriate art history faculty. Prerequisite(s): Consent of instructor.

ART 410 - Mixed Media
3 credit hours
Exploration of experimental and alternative media, techniques, and processes. Course content varies. Course may be repeated for credit by permission. Prerequisite(s): ART 112 and 122.

ART 414 - Advanced Drawing: Materials and Concepts
3 credit hours
Traditional and alternative technical and conceptual problems in drawing, with emphasis on individual, creative approaches to the assignments, extensive planning and development, technical proficiency in execution, and thoughtful, articulate, critical evaluation. Prerequisite(s): ART 113 and 122.

ART 416 - Advanced Drawing: Color
3 credit hours
An advanced-level drawing course that focuses on color drawing media such as pastel, colored pencil, and ink. Prerequisite(s): ART 113 and 122.

ART 417 - Advanced Drawing: Large Format
3 credit hours
In this advanced drawing course students will explore drawing issues related to scale, such as the relationship with the viewer and the power of life-size and larger imagery. A variety of materials and techniques will be explored. Prerequisite(s): ART 113 and 122.

ART 424 - Ceramics: Hand-building
3 credit hours
Use of coil, slab, extrusion, and wheel-generated forms as raw materials for assembly. Prerequisite(s): ART 224.

ART 425 - Ceramics: Alternative Approaches
3 credit hours
Land art, performance, conceptual, clay in combination with other materials (both virtual and actual). Prerequisite(s): ART 224.

ART 428 - Painting Material and Techniques
3 credit hours
The emphasis is to explore different painting techniques and concepts, and alternative painting surfaces. More independence is expected of the students. Prerequisite(s): ART 228.

ART 429 - Narrative Painting
3 credit hours
Exploration of narrative, symbol, and metaphor as subjects in painting. Prerequisite(s): ART 228.

ART 430 - Printmaking: Lithography
3 credit hours
Concentration on direct lithography from plates and/or stones, including color and photomechanical techniques. Advanced printmaking courses may be taken in any order. Prerequisite(s): ART 230.

ART 431 - Printmaking: Relief
3 credit hours
Concentration on relief printing, including color, large format, and non-traditional materials. Advanced printmaking courses may be taken in any order. Prerequisite(s): ART 230.

ART 432 - Photo-Etching
3 credit hours
Concentration on the photo-etching printing technique using photopolymer plates and ink-jet transparencies from traditional and digital photographs and drawings.

ART 444 - Studio Photography
3 credit hours
Introduction to the equipment and processes of controlled lighting techniques, large-format camera, and color. Prerequisite(s): ART 242.

ART 445 - Photography: Alternative Processes
3 credit hours
Exploration of non-silver and experimental photographic processes. Prerequisite(s): ART 242.

ART 446 - Photography: Historic Processes
3 credit hours
Exploration of gum bichromate, cyanotype, van Dyke brown, and other contact printing processes. Prerequisite(s): ART 242.

ART 447 - Photography: Documentary
3 credit hours
A seminar and studio course that presents traditions and techniques in documentary photography with use of the film and digital camera to explore cultural and personal themes. Prerequisite(s): ART 242.
ART 450 - Graphic Design: Information Design
3 credit hours
Designing visual presentation of statistical and quantified information, such as narratives, graphs, charts, diagrams, maps, and data to express meaning in graphic and typographic messages. Prerequisite(s): ART 255.

ART 460 - New Media: 3-D Animation
3 credit hours
Using 3-D computer graphics techniques, students gain proficiency in virtual modeling, lighting, and shading techniques as they are applied to computer animation. Basic computer skills expected. Prerequisite(s): ART 250.

ART 461 - New Media: Digital Printing
3 credit hours
Exploration of the aesthetic possibilities of digital imaging and various approaches to creative multimedia printing using multiple modes of print production and dissemination. Prerequisite(s): ART 250.

ART 470 - Sculpture: Metal Casting
3 credit hours
Tools, materials, and processes used in the production of cast-metal sculpture. The course includes mold making and the casting of bronze and aluminum. Prerequisite(s): ART 270.

ART 471 - Sculpture: Stone Carving
3 credit hours
Tools, materials, and techniques used in the production of stone carving. Prerequisite(s): ART 270.

ART 475 - Public Sculpture: Design, Fabrication, and Installation
3 credit hours
Exploring the public art process from design approval to installation. Prerequisite(s): ART 270.

ART 476 - Sculpture: Sheet-Metal Fabrication
3 credit hours
Tools, materials, and processes used in production of steel sculptures. Prerequisite(s): ART 270.

ART 480 - Performance and Installation Art
3 credit hours
Students create individual and group performances and installations. Major artists and trends in performance and installation art are studied and discussed. Prerequisite(s): Consent of instructor.

ART 491 - B.F.A. Exhibition Seminar
2 credit hours
Final class in the professional practices of art and assessment of student's overall performance in the B.F.A. degree program through workshops, assignments, and the B.F.A. Exhibition Review. Prerequisite(s): Normally taken during the final semester of the senior year after completion of ART 391 and completion of, or current enrollment in, all studio coursework including six classes in the concentration.

ART 492 - Portfolio
3 credit hours
Development of a specific body of advanced studio work to demonstrate a mature approach to studio art. Students focus on preparing work applicable to the respective professions or to graduate school. Prerequisite(s): This course should typically be the last taken in a studio concentration. Faculty consultation and approval required.

ART 493 - Internship
3 credit hours
Supervised, off-campus work experience for the purpose of gaining professional knowledge, skills, and attitudes in graphic design and/or photography. A daily journal is required. Prerequisite(s): Faculty consultation and approval the semester prior to the internship.

ART 494 - BA/BS Art Seminar
1 credit hour
A professional development class to serve as the capstone class for the BA/BS Art major degree. It is designed to introduce and reinforce the professional practices of art and is required for the degree. Usually taken in the senior year. Restricted to BA or BS art majors with senior status.

Biology

College of Arts & Sciences

BIO 100 - Principles of Biology
4 credit hours
General Education Course
Three lectures. One two-hour laboratory. Origin, development, growth, function, reproduction, evolution, and ecology of plants and animals. Students may not take this course for credit after completing a higher-level biology course with a grade of C or better.

BIO 101 - The Freshman Experience in Biology
1 credit hour
The Freshman Experience in Biology is required of all first-year biology majors, transfer students, and students that have changed their major to Biology. This course will prepare students for pursuing a degree in biology by exploring resources and strategies for success and introducing students to career opportunities in the discipline. Transfer students and change-of-major students, who have successfully completed a similar introduction to the major course, may petition for exemption from this requirement. This course is graded Pass/Fail. Restricted to Biology majors only.

BIO 105 - Introductory Biology I
4 credit hours
General Education Course
Three lectures. One two-hour laboratory. Introduction to biology emphasizing molecular aspects of cells, genetics and physiology. Open to students in the following majors: Biology, Chemistry, Family and Consumer Sciences, Kinesiology, Psychology and Social Work, or by consent of instructor.
BIO 106 - Introductory Biology II
4 credit hours
General Education Course
Three lectures. One two-hour laboratory. Introduction to biology emphasizing diversity of living organisms, and the biology and ecology of bacteria, fungi, plants, and animals.

BIO 107 - Honors Introductory Biology I
4 credit hours
General Education Course
Three lectures. One two-hour laboratory. Introduction to biology emphasizing molecular aspects of cells, genetics and physiology. A student may not receive credit for both BIO 105 and 107. Enrollment in the UM Honors Program required. Open to students in the following majors: Biology, Chemistry, Family and Consumer Sciences, Kinesiology, Psychology and Social Work, or by consent of instructor.

BIO 201 - Human Anatomy and Physiology I
4 credit hours
Three lectures. One two-hour laboratory. Human Anatomy and Physiology I is the first of a two-semester sequence that covers the structure and function of the human body. Included is an orientation to the human body, homeostasis, tissues of the human body, the integumentary system, skeletal system, muscle, nervous system, senses, and endocrine system. This course does not count for credit toward the Biology major or minor. For non-majors and non-minors, this course does not count toward the General Education science requirements, but it can count toward additional science hours required to earn the B.S. Open to students in the following majors: Biology and Kinesiology. Prerequisite(s): BIO 105 or 107.

BIO 202 - Human Anatomy and Physiology II
4 credit hours
Three lectures. One two-hour laboratory. Human Anatomy and Physiology II is the second of a two-semester sequence that covers the structure and function of the human body. Included is a study of the cardiovascular system, respiratory system, urinary system, fluid, electrolyte, and acid-base regulation, digestive system, immune and lymphatic systems, and reproductive system. This course does not count for credit toward the Biology major or minor. For non-majors and non-minors, this course does not count toward the General Education science requirements, but it can count toward additional science hours required to earn the B.S. Open to students in the following majors: Biology and Kinesiology. Prerequisite(s): BIO 201.

BIO 205 - Ecology
4 credit hours
Three lectures. One three-hour laboratory. Interrelationships of living organisms and of the environmental factors that influence their behavior and distributions. Prerequisite(s): BIO 106 and ENG 102 or 104; BIO 105 or 107 recommended.

BIO 206 - Genetics
4 credit hours
Three lectures. One two-hour laboratory. Mechanisms of inheritance within plants, animals, and humans, with emphasis on molecular genetics and gene structure, as well as inheritance and evolution. Prerequisite(s): BIO 105 or 107; MATH 131 or higher, or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 444.

BIO 300 - Microbiology
4 credit hours
Three lectures. One three-hour laboratory. Taxonomy, morphology, and physiology of microorganisms, with emphasis on bacteria, immunological theory, and techniques. Fall Semester. Prerequisite(s): BIO 105 or 107, and CHEM 102 or 122.

BIO 307 - Molecular Cell Biology
4 credit hours
Three lectures. One three-hour laboratory. Morphology, basic molecular biochemistry, and function of cells and cellular organelles. Prerequisite(s): BIO 105 or 107; BIO 206 and CHEM 221.

BIO 310 - Plant Systematics
4 credit hours
Two lectures. Two two-hour laboratories. A study of plant diversity focusing on local examples of major plant families of the world. Special attention to biological innovations and adaptations, methods of phylogenetic reconstruction, and specimen collection and preservation. Includes collecting excursions to different habitats within the region. Prerequisite(s): BIO 106.

BIO 341 - Anatomy
4 credit hours
Three lectures. One three-hour laboratory. Anatomy of humans and other vertebrate animals, emphasizing comparative function and evolution of organ systems. Junior standing required. Prerequisite(s): BIO 105 or 107 with a C or higher. BIO 106 also strongly recommended.

BIO 342 - Physiology
4 credit hours
Three lectures. One three-hour laboratory. Physiology of humans and other vertebrate animals. Study of the mechanisms and processes involved in biological function from cellular to organismal levels, emphasizing their roles in regulation of homeostasis. Junior standing required. Prerequisite(s): BIO 105 or 107 with a C or higher, and CHEM 102 or 122 with a C or higher.

BIO 380 - Invertebrate Zoology
4 credit hours
Three lectures. One three-hour laboratory. Biology of invertebrates, with an emphasis on taxonomy, ecology, and evolution. Lab includes field collection and identification. Course includes a required field trip to Dauphin Island Sea Lab. Prerequisite(s): BIO 106. Junior standing required.

BIO 390 - Animal Behavior
4 credit hours
Three lectures. One three-hour laboratory. Examination of animal communication and social interactions, focusing on mate choice, kin relationships, aggression, territoriality, and predation. Prerequisite(s): BIO 106.
BIO 405 - Biological Topics in Environmental Studies
4 credit hours
Designed to introduce students to various biological topics related to environmental studies. Course may be repeated for credit if topic differs. This course does not count for credit toward the Biology major or minor. For non-majors and non-minors, this course does not count toward the General Education science requirements, but it can count toward additional science hours required to earn the B.S. Course may be repeated for credit, providing the content varies.

BIO 410 - Histology
4 credit hours
Three lectures. One three-hour laboratory. Detailed study of the microscopic structure of animal tissues and organs. Prerequisite(s): BIO 105 or 107; BIO 341 also recommended.

BIO 420 - Parasitology
4 credit hours
Three lectures. One three-hour laboratory. Protozoa, flatworms, roundworms, and arthropods. Prerequisite(s): BIO 106.

BIO 425 - Molecular Techniques
4 credit hours
Two lectures. Two two-hour labs. A methods-oriented class focusing on techniques of protein, RNA, and DNA manipulations commonly used in genetic engineering and biotechnology applications. Prerequisite(s): BIO 206.

BIO 430 - Developmental Biology
4 credit hours
Three lectures. One three-hour laboratory. A study of the development of vertebrates, with special emphasis on human development. Molecular, morphological, and clinical aspects of the development of all major organ systems will be explored. Prerequisite(s): BIO 341 or consent of instructor.

BIO 435 - Conservation Biology
4 credit hours
Three lectures. One three-hour laboratory. Study of the scientific efforts to document biodiversity and to understand and reduce the negative impact of human activity on the biosphere. Prerequisite(s): BIO 105 or 107, and BIO 205; BIO 206 recommended.

BIO 440 - Evolution
4 credit hours
Three lectures. One three-hour laboratory. Organic evolution, the process and its products. Prerequisite(s): BIO 206

BIO 450 - Immunology
4 credit hours
Three lectures. One three-hour laboratory. Study of the cellular and molecular basis of immunity and the physiologic operations of the mammalian immune system. Junior standing required. Prerequisite(s): BIO 105 or 107, and CHEM 102 or 122.

BIO 460 - Field Botany
4 credit hours
Two lectures. One four-hour laboratory. Taxonomy and ecology of higher plants in Alabama. Prerequisite(s): BIO 106.

BIO 470 - Vertebrate Field Zoology
4 credit hours
Two lectures. Two two-hour laboratories. Biology of vertebrates, with an emphasis on taxonomy, ecology, and evolution. Lab includes field collection and identification. Course includes a required field trip to Dauphin Island Sea Lab. Prerequisite(s): BIO 106. Junior standing required.

BIO 475 - Special Topics in Biology
1-4 credit hours
Designed to introduce students to new topics in biology. May be repeated twice for credit if topic is different.

BIO 480 - Special Problems in Biology
1-4 credit hours
Individual research problems completed under the direction of faculty. Topics vary. Course may be repeated for credit as topic changes. Open to junior or senior biology students who have a 3.0 GPA or above in all biology courses, or consent of instructor.

BIO 490 - Senior Seminar in Biology
3 credit hours
The Senior Seminar in Biology is the capstone course for students majoring in biology. Students will select, present, and lead a discussion of a current primary research article. Themes for the course will change annually. Successful completion of this course is required before graduation. This course is offered every spring semester. Restricted to biology majors; Senior standing with at least 24 hours of successful completion of required biology courses.

Business Law
Michael E. Stephens College of Business

BL 283 - Legal Environment of Business
3 credit hours
A study of how business and economic life are shaped and directed by government, including the U.S. Constitution, federal and state legislation, federal regulatory agencies, and leading federal and state court decisions.

BL 384 - Business Law
3 credit hours
Analysis of legal problems inherent in business transactions, along with their accounting and auditing implications. Spring Semester. Prerequisite(s): BL 283 and junior standing.
Chemistry

College of Arts & Sciences

CHEM 100 - Fundamentals of Chemistry
4 credit hours
General Education Course
Three lectures. One two-hour laboratory. An introduction to the fundamental concepts of chemistry and the role of chemistry in everyday life. Discussions cover energy, foods and household products, natural and synthetic materials, waste and pollution. Students may not take this course for credit after completing a higher level chemistry course with a grade of C or better. Prerequisite(s): High school algebra.

CHEM 101 - Basic Chemistry I
4 credit hours
General Education Course
Three lectures. One two-hour laboratory. Common elements and their compounds, fundamental laws and theories of chemistry, and an introduction to organic chemistry. Course intended for pre-nursing students and non-science students. Fall Semester, Summer Session. Prerequisite(s): MATH 131 or higher, or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 444.

CHEM 102 - Basic Chemistry II
4 credit hours
Three lectures. One two-hour laboratory. A continuation of CHEM 101, with particular emphasis on general concepts of organic and biological chemistry at an elementary level, for students interested in family and consumer sciences, nursing, and some health-related programs. An introduction to organic chemistry that includes selected methods of preparation, principles of reactions, and chemical properties of the major classes of compounds. Spring Semester. May not be applied toward either major or minor. Prerequisite(s): CHEM 101.

CHEM 121 - General Chemistry I
4 credit hours
General Education Course
Three lectures. One three-hour laboratory. A comprehensive study of the fundamental facts, principles, and theories of chemistry. Topics covered include units, problem solving, atoms, elements formulas, nomenclature, chemical reactions and equations, stoichiometry, atomic structure, periodicity, and theories of bonding and structure. Open to students in the following majors: Biology, Chemistry and Kinesiology or by consent of instructor. Students who have not successfully completed a high school chemistry course are strongly encouraged to complete CHEM 101 before enrolling in this course. Prerequisite(s): MATH 131 or higher, or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 444.

CHEM 122 - General Chemistry II
4 credit hours
General Education Course
Three lectures. One three-hour laboratory. A continuation of the introductory studies of basic facts, principles, and theories beyond those of CHEM 121. Topics covered include solid, liquid, and gaseous states; an introduction to chemical equilibria including acid base chemistry; thermodynamics and electrochemistry. Spring Semester. Prerequisite(s): CHEM 121 with a C or better.

CHEM 185 - Survey of Chemistry
1 credit hour
One lecture. This course provides an overview of the nature of Chemistry in modern context and its relation to other disciplines. Students will learn about chemistry as a profession and the discipline as it pertains to the University of Montevallo including research, tutoring, mentoring, laboratory assistant and service opportunities. This course is graded pass/fail.

CHEM 221 - Organic Chemistry I
4 credit hours
Three lectures. One three-hour laboratory. An introduction to nomenclature, selected methods of preparations, and selected chemical properties of the following classes of organic compounds: alkanes, alkenes, alkynes, alkyl halides, aldehydes and ketones, carboxylic acids, esters, ethers, alcohols and thiols, amides, anhydrides, and amines. Fall Semester. Prerequisite(s): CHEM 102 or 122 with grade of C or better.

CHEM 222 - Organic Chemistry II
4 credit hours
Three lectures. One three-hour laboratory. An introduction to reaction mechanisms, stereochemistry, and spectroscopy (IR, MS, NMR, UV) as they may be applied to the classes of compounds studied in CHEM 221. Spring Semester. Prerequisite(s): CHEM 221 with a C or better.

CHEM 255 - Chemical Computations
3 credit hours
Three lectures. An introduction to the use of standard software packages for carrying out scientific calculations and scientific presentations. The primary emphasis will focus on spreadsheets, scientific drawing programs, and molecular modeling. Topics will include data entry and manipulation, graphing, statistical analysis, chemical structure and model building, and use of these programs in scientific written and oral presentations. Prerequisite(s): CHEM 122.

CHEM 320 - Analytical Chemistry
4 credit hours
Three lectures. One three-hour laboratory. An introduction to the theory and practice of analytical chemistry, with an emphasis on classical volumetric and gravimetric techniques. A brief introduction to spectrophotometric and electrochemical techniques will be presented at the end of the term. Topics covered include acid-base and solubility equilibria, complex formation equilibria, and oxidation-reduction equilibria. Fall Semester. Prerequisite(s): CHEM 122 with a grade of C or better.

CHEM 321 - Physical Chemistry I
4 credit hours
Three lectures. One three-hour laboratory. Physiochemical properties of matter in the gaseous, liquid, and solid states; solutions, equilibrium, kinetics, and thermodynamics of chemical reactions. Fall Semester. Prerequisite(s): CHEM 221, PHYS 202 or 242, and MATH 170.
CHEM 322 - Physical Chemistry II  
4 credit hours  
Three lectures. One three-hour laboratory. Symmetry, quantum mechanics, molecular spectroscopy, chemical bonding, x-ray diffraction, and kinetics. Spring Semester. Prerequisite(s): CHEM 321 and MATH 171. MATH 272 is recommended.

CHEM 370 - Biochemistry I  
4 credit hours  
Three lectures. One three-hour laboratory. Metabolism, energetics, enzyme kinetics, nutrition, biosynthesis of proteins, and concepts in molecular biology. Spring Semester. Prerequisite(s): CHEM 221.

CHEM 375 - Environmental Sampling  
2 credit hours  
One two-hour laboratory. Students learn the methods and instruments used to sample chemical, bacteriologic, hydrologic, and meteorologic data. This course entails extensive laboratory time and field work at the local UM Ebenezer Swamp Ecological Preserve. Topics vary. Course may be repeated for credit as topic changes. Prerequisite(s): CHEM 121 and BIO 205. (CHEM 222 and 320 strongly recommended but not required)

CHEM 380 - Special Projects in Chemistry  
1-6 credit hours  
For students requiring special skills in chemistry. Credit commensurate with complexity and effort required. Topics vary. Course may be repeated for credit as topic changes. Junior standing and consent of instructor required.

CHEM 420 - Advanced Inorganic Chemistry  
4 credit hours  
Three lectures. One two-hour laboratory. Detailed discussions of theories of bonding and group theory, with applications to interpretation and understanding of the structure, spectra, and magnetic properties of coordination compounds. Prerequisite(s): CHEM 222 with a C or better.

CHEM 421 - Advanced Physical Organic Chemistry  
3 credit hours  
The theory and mechanism of organic transformations. Emphasis on the physical and mechanistic basis of organic chemistry rather than on synthetic applications. Topics include organic structure, molecular dynamics, symmetry, stereochemistry of reactions, and energetics of reaction paths.

CHEM 431 - Research Project  
4 credit hours  
Special project to be completed while working with a faculty member as a mentor. Students survey the literature, design and perform experiments, interpret results, and write or present a paper based on the research. Topics vary. Course may be repeated for credit as topic changes. Consent of instructor required.

CHEM 440 - Special Topics in Chemistry  
3-4 credit hours  
A discussion of recent advances in theory, instrumentation, or techniques in analytical, inorganic, or physical chemistry. Topics vary. Course may be repeated for credit as topic changes. Consent of instructor required.

CHEM 450 - Instrumental Analysis  
4 credit hours  
Three lectures. One three-hour laboratory. Theory and application of physiochemical methods of analysis, including electroanalytical, spectrophotometric, and chromatographic methods. Prerequisite(s) with concurrency allowed: CHEM 222 (may be taken concurrently).

CHEM 490 - Chemistry Seminar I  
1 credit hour  
Students will choose a chemistry seminar topic and begin developing an oral and written presentation to be offered during the spring semester of their senior year. This course is graded pass/fail and is offered only during the Fall semester. Limited to senior chemistry majors.

CHEM 491 - Chemistry Seminar II  
1 credit hour  
Students will present an oral seminar on a chemistry topic developed in CHEM 490. The student will also prepare a research paper reflecting the chemistry presented in the oral seminar. Prerequisite(s) with concurrency allowed: CHEM 490.

Communication Science and Disorders  
College of Arts & Sciences

CSD 101 - Survey of Communication Disorders  
3 credit hours  
General overview across the life span and basic introduction to speech-language pathology and audiology. Observations of therapy and diagnostics are required.

CSD 253 - Applied Phonetics in Communication Disorders  
3 credit hours  
Introduction to the International Phonetic Alphabet system of phonetic analysis, speech sound production, analysis and transcription of normal and disordered articulation. Multicultural aspects are included. Restricted to CSD majors.

CSD 291 - Normal Language Development  
3 credit hours  
Theories of normal language development, knowledge of child development in general, and knowledge of the sequence of language development from birth to adolescence. Restricted to CSD majors.

CSD 380 - Anatomy and Physiology of Speech  
3 credit hours  
Anatomy, physiology, and physics of speech production, with a survey of experimental work. Restricted to CSD majors. Prerequisite(s): A grade of C or better in CSD 101, 253, and 291.

CSD 385 - Multicultural Issues  
3 credit hours  
Investigation of impact of cultural diversity upon human development, education, communication skills, family
Courses of Instruction

functioning, and social problems across the life span. Sensitivity to the varying needs of ethnic groups and the disabled is stressed. Review of interpersonal skills needed to relate to persons from diverse cultures is included.

CSD 393 - Language Disorders: Assessment and Intervention
3 credit hours
Analysis of assessment and intervention procedures used in treatment of language disorders. Restricted to CSD majors. Prerequisite(s): A grade of C or better in CSD 101, 253, and 291.

CSD 394 - Articulation and Phonological Development: Assessment and Intervention
3 credit hours
Theories of articulation and phonological development. Sequence of normal articulation and phonological development. Analysis of assessment and intervention process and strategies. Restricted to CSD majors. Prerequisite(s): A grade of C or better in CSD 101, 253, and 291.

CSD 401 - Introduction to Clinical and Educational Interventions for Autism
3 credit hours
Students will be introduced to the characteristics associated with autism and exposed to diagnostic requirements. Learners will describe challenges faced by individuals with autism, identify evidence-based interventions, and design accommodations and modifications appropriate for this population. Learners will develop lesson plans or treatment materials.

CSD 411 - Introduction to Audiology
3 credit hours
This course will expose students to the basics of hearing science, the nature of hearing loss, and the key techniques and underlying principles of hearing assessment. Restricted to CSD majors. Prerequisite(s): A grade of C or better in CSD 101, 253, and 291.

CSD 463 - Clinical Observation
1 credit hour
Provide the student with an experience observing speech-language pathology services in a video lab, supervised by clinical supervisors. Restricted to CSD majors. Prerequisite(s): A grade of C or better in CSD 393 and 394.

CSD 464 - Senior Seminar
3 credit hours
This capstone course will involve a variety of learning activities designed to facilitate the transition into clinical activities required in graduate studies. Restricted to CSD majors. Prerequisite(s): A grade of C or better in CSD 393 and 394.

CSD 471 - Aural Rehabilitation
3 credit hours
This course will expose students to the implications of hearing loss and the key techniques and underlying principles of auditory (re)habilitation. Restricted to CSD majors. Prerequisite(s): A grade of C or better in CSD 411, or consent of instructor.

CSD 473 - Introduction to Medical Speech-Language Pathology
3 credit hours
This required course will focus on the various neurogenic communication disorders assessed and treated by a speech-language pathologist in the medical setting. Various disorders will be presented with assessment and treatment techniques briefly discussed to introduce the student learner to adult communication disorders. Examples of disorders will be discussed including: aphasia, traumatic brain injury, various types of dementia, and various types of motor-speech disorders. Restricted to CSD majors. Prerequisite(s): A grade of C or better in CSD 380.

CSD 475 - Speech Science
3 credit hours
Comprehensive study of the physiological and acoustical aspects of speech production. Restricted to CSD majors. Prerequisite(s): A grade of C or better in CSD 380, or consent of instructor.

CSD 481 - Clinical Policies and Procedures
3 credit hours
A study of clinical procedures, techniques, and skills necessary for clinic practice in speech-language pathology. Restricted to CSD majors. Prerequisite(s): A grade of C or better in CSD 393 and 394.

CSD 495 - Introduction to Voice and Fluency Disorders
3 credit hours
An introduction to the study of normal voice production and voice disorders, as well as the etiology and management of fluency disorders in children and adults. Restricted to CSD majors. Prerequisite(s): A grade of C or better in CSD 101, 253, and 291.

CSD 498 - Special Studies in Communicative Disorders
1-3 credit hours
Investigation of communicative disorders in traditional or non-traditional framework, special project, interim course, or other model. Restricted to CSD majors.

Communication Studies

College of Fine Arts

COMS 101 - Foundations of Oral Communication
3 credit hours
General Education Course
Foundation in the principles of communication focusing on understanding the intrapersonal, interpersonal and group, organizational, cultural, and public communication climates within which the students interact daily. Provides students the opportunity to study and practice effective communication and to prepare for real-life situations.

COMS 102 - Honors Foundations of Oral Communication
3 credit hours
General Education Course
Principles of foundations of communications for Honors Program students.
COMS 140 - Principles of Public Speaking
3 credit hours
Performance of several types of public speeches, with emphasis on subject matter and content, purpose, social context, and occasion. Prerequisite(s): COMS 101 or 102.

COMS 141 - Interpersonal Communication
3 credit hours
Study and practice of effective dyadic communication in family, social, and work environments. Explores such topics as the development of the self-concept, perception, language, nonverbal communication, and conflict management.

COMS 200 - Introduction to Communication Research Methods
3 credit hours
Study, application, and evaluation of quantitative and qualitative research methods employed in scholarly communication research. Includes experimental, survey, textual analysis, and ethnography. Prerequisite(s): COMS 101 or 102.

COMS 220 - Introduction to Public Relations
3 credit hours
An introduction to theories, practices, responsibilities and management functions in the field of public relations. Class format will include lecture, discussion, and team projects.

COMS 299 - Career and Professional Development
3 credit hours
This course is designed to provide career development orientation, with an emphasis on communication in the workplace. This course will also provide an in-depth overview of professional and academic standards expected of Communication Studies (COMS) majors. Topics covered will include: career assessment, job search strategies, résumé and interview skills, and career advancement. Required for all COMS majors. Prerequisite(s): COMS 101 or 102.

COMS 310 - Social Media and Public Relations
3 credit hours
This course will review current practices in the field for using communication to build personal/corporate brands and to engage customers using social media and web tools. Particular focus will be given to the application of social-media strategies to current needs of organizations. Class format will include lecture, discussion, case-study analysis, and team projects. Prerequisite(s): COMS 220.

COMS 320 - Communication Theory
3 credit hours
In-depth exploration of communication theories as they relate to interpersonal, group, public, and other communication contexts. Emphasis on how theories are formulated and evaluated. Prerequisite(s): COMS 101 or 102.

COMS 330 - Persuasion
3 credit hours
A study and application of the theory and practice of persuasive strategies that constantly influence human behavior and attitudes. Includes performance opportunities. Prerequisite(s): COMS 140.

COMS 344 - Organizational Communication
3 credit hours
A study of the principles of group discussion, leadership, conflict, and communication patterns in businesses and organizations. Prerequisite(s): COMS 101 or 102.

COMS 350 - Nonverbal Communication
3 credit hours
Communication beyond the spoken or written word, including personal appearance, touch, space, eye contact, gestures, chronemics, olfaction, body adornment, and body language. Prerequisite(s): COMS 101 or 102.

COMS 355 - Intercultural Communication
3 credit hours
An introduction to communication between people from different cultures. Class format will include lecture, discussion, debate, and participation in intercultural events. Prerequisite(s): COMS 101 or 102.

COMS 360 - Small Group Communication
3 credit hours
Nature, uses, and types of group discussion, including leadership, group problem solving, and the individual’s role in a group. Prerequisite(s): COMS 101 or 102.

COMS 365 - Family Communication
3 credit hours
This course helps students gain an understanding of how communication functions to develop, maintain, enrich, or limit family relationships and develop an understanding of functional families across a wide range of structures and cultural backgrounds. Consent of instructor required.

COMS 375 - Gender Communication
3 credit hours
Study of the development, usage, and effects of gendered communication interpersonally and in organizational settings. Prerequisite(s): COMS 101 or 102.

COMS 390 - Communication, Leadership, and Society
3 credit hours
This course explores the concept of leadership as a communication phenomenon. Students will review the history and development of various approaches to the study of leadership; explain specific communication strategies that will improve individual leadership behaviors; and apply communication leadership principles to a variety of contemporary social contexts. Particular attention will be given to individual reflection and application of course materials to personal followership and leadership activity. Prerequisite(s): COMS 101 or 102.

COMS 410 - Environmental Communication
3 credit hours
This course begins from the presumption that how we communicate about the environment powerfully affects our perceptions of both it and ourselves and how we define our relationship with the natural world. We will examine various contexts, styles, and strategies of communication about the environment focusing primarily on the rhetorical perspective. Prerequisite(s): COMS 101 or 102.
COMS 420 - Interpersonal Conflict Management  
3 credit hours
The purpose of this course is to introduce students to the basic principles of effective communication and conflict engagement. Ideally, the course will enable students to develop greater capacity for perspective taking, to enhance awareness of the role of power and emotion in conflict, and to expand their understanding of the range of conflict strategies employed in interaction. Prerequisite(s): COMS 101 or 102.

COMS 430 - Argumentation and Debate  
3 credit hours
A study of the development, techniques, and styles of argumentation to facilitate communication in social, political, and cultural settings. Prerequisite(s): COMS 101 or 102.

COMS 435 - Social Movement Rhetoric  
3 credit hours
A survey and criticism of the rhetoric of social movements throughout U.S. history. The purpose of this course is to analyze the changing styles of rhetoric revealed in the public address of U.S. citizens as they respond(ed) to the historically and constantly changing cultural and social contexts such as abolition, women's suffrage, and 20th-century Civil Rights movements including the Civil Rights movement of the 1960s, 2nd Wave Feminism, and the contemporary LGBT rights movement. Prerequisite(s): COMS 101 or 102, and ENG 102 or 104.

COMS 445 - Communication Training and Development  
3 credit hours
Strategies and techniques for improving the communication skills of business personnel, classroom students, and clients. Prerequisite(s): COMS 101 or 102.

COMS 450 - Rhetorical Criticism  
3 credit hours
A survey and practice of rhetorical methods and criticism through analysis of speeches, campaigns, and other rhetorical artifacts. Prerequisite(s): COMS 101 or 102, and ENG 102 or 104.

COMS 460 - Seminar in Communication Studies  
3 credit hours
Special offerings on a Communication Studies topic not covered in the curriculum. May be repeated for credit as topics vary.

COMS 475 - Internship in Communication Studies  
1-6 credit hours
Practical experience in a professional environment. Applications, including requirements, are available in departmental office. May be repeated for a total of 6 credit hours on a pass/fail basis. Open to juniors and seniors only with departmental and instructor consent.

COMS 491 - Directed Studies in Communication Studies  
1-3 credit hours
Supervised, independent directed study in communication-related area. Faculty adviser must approve research topic the semester prior to registration. Consent of instructor required.

COMS 495 - Public Relations Campaigns  
3 credit hours
This course will review current practices in the field for the planning, proposing, implementation, and analysis phases of public-relations campaigns. Particular focus will be given to the application of theory and research strategies to current problems and needs of organizations. The class format will be primarily discussion and team projects - to include case study analyses and service-learning projects. Prerequisite(s): COMS 220.

COMS 499 - Senior Seminar in Communication Studies  
3 credit hours
This course will include a synthesizing of previous work in Communication Studies (COMS) and how that work has contributed to an understanding of the overall subject of COMS, culminating in the presentation of either a senior project or thesis. Must be taken during fall semester of senior year. Senior standing and consent of instructor required.

Economics

Michael E. Stephens College of Business

EC 231 - Introduction to Macroeconomics  
3 credit hours
General Education Course
Basic economic concepts, aggregate income, employment and output, money and banking, inflation, monetary and fiscal policy, and international economics and comparative systems.

EC 232 - Introduction to Microeconomics  
3 credit hours
General Education Course
An explanation of the market determination of and the individual household's response to demand, supply, and price in both product and factor markets.

EC 307 - World Economy  
3 credit hours
Focuses on financial factors-interest rates, inflation, exchange rates, the balance of payments-related to international trade, and their role in the formulation of national economic policy. Includes an examination of the theoretical basis for trade between countries, the existence of trade barriers, and the effects of U.S. trade policy on the multinational corporation. Prerequisite(s): AC 222, EC 231 and 232, and junior standing.

EC 401 - Money and Banking  
3 credit hours
The functions of money, credit, and financial institutions in our economy. Details the structure of interest rates and investigates the determination of the level of domestic rates of interest and their implications for international currency markets. (Cross-listed with FI 401.)

EC 460 - Special Topics in Economics  
3 credit hours
Study of selected topic in economics. May be repeated for a
maximum of 6 credit hours if topic is different. Junior standing required. Prerequisite(s): EC 231 and 232.

**Courses of Instruction**

**Education College of Education**

**ED 201 - Explorations in Education**  
1 credit hour  
Observation of classrooms, case studies, and critical reading and reflection will provide students with a foundation for making professional career decisions regarding teaching. **Note:** This course is designed to acquaint dually enrolled high school students with the education profession as part of a cooperative agreement between the University of Montevallo and local school districts that offer career-technical education, Future Teachers Association opportunities, or teaching academies. Enrollment is restricted to dually enrolled high school students.

**ED 401 - Introduction to Teaching**  
1 credit hour  
Designed to acquaint pre-professionals with the education profession. Observation of classrooms and case analyses will provide students a beginning pedagogical foundation for making professional career decisions regarding teaching.

**ED 402 - Secondary Students as Learners**  
2 credit hours  
The COE conceptual framework theme, “Educator as Developing Professional,” is a major organizer for this course in that secondary candidates will be encouraged to explore various foundations for beginning a career in teaching and for committing to anticipated growth and development to span the entire career. Prerequisite(s) with concurrency allowed:

**ED 410 - Teaching of Reading**  
3 credit hours  
This course will provide prospective candidates with the knowledge of learner, knowledge of subject matter, curriculum and instruction, of the competencies and materials needed to teach reading to children from varying backgrounds of experience in the elementary classroom setting. This course is intended to impart: a) knowledge of reading skills; b) understanding of the reading process as one of the integrated language arts; c) competencies and attitudes for teaching reading; d) knowledge of different approaches and materials used in teaching reading; e) knowledge of objectives in the Alabama Course of Study and the Alabama Reading Initiative; and f) the discovery of the beginning of a personal literacy framework for teaching reading. The specific purpose of this course is to present an eclectic approach to the teaching of reading. Co-requisite(s): ED 401, EDF 330 and 375.

**ED 411 - Teaching of Reading II**  
3 credit hours  
Approaches, methods, strategies, and materials necessary to effectively teach and assess literature-based reading for children in early childhood, elementary and middle school settings. Teaching and assessing literature-based reading, and planning formats needed to teach these strategies. Prerequisite(s): ED 410. Co-requisite(s): ED 446.

**ED 418 - Classroom Management**  
2 credit hours  
Provides an opportunity to review and analyze various classroom environments and disciplinary styles. Students will develop basic human-relations skills and communicate an understanding of their role in the classroom.

**ED 427 - Technology-Based Instructional Strategies**  
3 credit hours  
General Education Course  
This course discusses Web-based applications, software, and hardware used within a classroom setting, as well as instructional strategies to help pre-service teachers begin to understand the link between classroom instruction and technology. (Cross-listed with ED 527)

**ED 435 - Teaching Foreign Language at the Secondary Level**  
1 credit hour  
Field-based methods with certified teacher in students' teaching field.

**ED 441 - Teaching Family and Consumer Sciences at the Secondary Level**  
1 credit hour  
Field-based methods with certified teacher in students' teaching field.

**ED 444 - Methods and Materials for Teaching Social Studies**  
3 credit hours  
Curricular approaches, teaching strategies, and resources for effective teaching of social studies at the early childhood, elementary, and middle school levels. Particular emphasis is given to content knowledge and methodology in history, geography, civics, and economics. The pre-service teacher's development as a decision-maker is emphasized; a laboratory experience is required. Prerequisite(s): ED 411 and 446. Co-requisite(s): ED 445, 447, and 448.

**ED 445 - Methods and Materials for Teaching Mathematics**  
3 credit hours  
Materials and methods of teaching mathematics to children in early childhood, elementary, and middle school settings. The primary focus of the course is on the instructional decisions made by teachers as facilitators of mathematics learning in the classroom. Appropriate laboratory experiences provided. Prerequisite(s): ED 411 and 446. Co-requisite(s): ED 444, 447, and 448.

**ED 446 - Methods and Materials for Teaching Language Arts**  
3 credit hours  
Selection of strategies and construction of language arts materials for children in early childhood, elementary and middle school settings in teaching language arts across the curriculum. Appropriate laboratory experiences are required. Prerequisite(s): ED 410. Co-requisite(s): ED 411.
ED 470 - Internship in Elementary Education
12 credit hours
A "capstone" experience in the Teacher Education Program. Supervised school-based observation and participation for a full semester, culminating in full-time teaching in an elementary-school setting. Prerequisite(s): ED 444, 445, and 447, and successful completion of Content Block and all TEP requirements.

EDI 471 - Internship in Elementary and Deaf and Hard of Hearing
12 credit hours
Full-time placement for 16 weeks in a classroom that serves students K-6 level and students with certified hearing loss. Successful completion of coursework and all TEP requirements required.

EDI 480 - Internship in Early Childhood Education
12 credit hours
A "capstone" experience in the Teacher Education Program. Supervised school-based observation and participation for a full semester, culminating in full-time teaching in an early-childhood setting. Successful completion of Content Block and all TEP requirements required.
**Courses of Instruction**

**EDI 490 - Internship in Preschool Through 12th Grade**  
12 credit hours  
Full-time placement for the 16 weeks of the semester. The student will be placed in a school or schools that have grades P-12. Prerequisite(s): Successful completion of Stage B and all TEP requirements.

**Educational Foundations**  
College of Education

**EDF 330 - Educational Psychology**  
3 credit hours  
Psychology as it relates to teaching and learning. Includes theories of learning, personality, and development; motivation; growth and development; the nature and measurement of intelligence, achievement, and attitudes. Emphasis on psychological principles basic to an understanding of the learner, the learning process, and the classroom setting. Co-requisite(s): ED 401 and 410, and EDF 375.

**EDF 375 - School and Society**  
3 credit hours  
The evolution of American education, including a survey of philosophical, social, political, and economic movements that have influenced its direction. Local, state, and federal policies related to finance, government, and legal aspects. The socializing role of the school and characteristics of different cultural groups. Co-requisite(s): ED 401 and 410, and EDF 330.

**EDF 461 - Evaluation in Elementary Education**  
3 credit hours  
The interrelation of teaching, learning, and evaluation. Includes developing skills in interpreting standardized tests, evaluating the appropriateness of standardized tests, and developing the ability to utilize measurement data in making decisions regarding instructional needs in the elementary classroom. Prerequisite(s): ED 401 and EDF 330 and 375.

**EDF 462 - Evaluation in Secondary Education**  
3 credit hours  
The interrelation of teaching, learning, and evaluation. Includes developing skills in interpreting standardized test scores, evaluating the appropriateness of standardized tests, and developing the ability to utilize measurement data in making decisions regarding instructional needs in the secondary classroom.

**English**  
College of Arts & Sciences

**ENG 100 - Composition Practicum**  
1 credit hour  
Individual writing instruction to complement current ENG 101/102 courses. Focuses on basic grammar and revision strategies. Students meet one-on-one with the instructor to address individual composition needs. Credit awarded on pass/fail basis. Prerequisite(s): Department approval required.

**ENG 101 - Composition I**  
3 credit hours  
General Education Course  
Introduction to writing as a tool of liberal learning, of thinking critically, and of clarifying values. Emphasis on writing not only as a means of organizing and reporting knowledge, but also as a means to understand and deepen knowledge. To these ends, writing as an active process is emphasized, including planning, drafting, and revision. Students must receive a minimum grade of C in English 101 in order to progress on to ENG 102. The grade for English 101 is reported as A, B, C, or NC (No Credit).

**ENG 102 - Composition II**  
3 credit hours  
General Education Course  
Continued development of skills begun in ENG 101. Emphasis on information literacy, scholarly analysis, and purposeful syntheses of multiple sources. Students must receive a minimum grade of C in English 102 in order to progress on to ENG 231/232. The grade for English 102 is reported as A, B, C, or NC (No Credit).

**ENG 103 - Honors Composition I**  
3 credit hours  
General Education Course  
An advanced introduction to writing as a tool of liberal learning, of thinking critically, and of clarifying values. Emphasis on writing not only as a means of organizing and reporting knowledge, but also as a means to understand and deepen knowledge. To these ends, writing as an active process is emphasized, including planning, drafting, and revision. Students must receive a minimum grade of C in English 103 in order to progress on to ENG 104. The grade for English 103 is reported as A, B, C, or NC (No Credit).

**ENG 104 - Honors Composition II**  
3 credit hours  
General Education Course  
Continued development of advanced skills begun in ENG 103. Emphasis on information literacy, scholarly analysis, and purposeful syntheses of multiple sources. Students must receive a minimum grade of C in English 104 in order to progress on to ENG 233/234. The grade for English 104 is reported as A, B, C, or NC (No Credit).

**ENG 180 - Theatre in the Mind**  
1-3 credit hours  
Viewing and studying plays produced by the Alabama Shakespeare Festival Theatre.

**ENG 231 - Global Literature: Perspectives Across Periods and Locations**  
3 credit hours  
General Education Course  
A broad survey, exploring multiple perspectives. Traces enduring themes (such as the individual, ecology, virtue, or conspiracy) or forms (such as the novel) across a range of literary periods and cultural locations. In addition to exposing students to a diverse range of perspectives, this course is intended to strengthen analytical skills and to improve expository writing ability. Note: Each section of ENG 231 emphasizes a slightly different theme; a list of section themes is available in the main office of the Department of
English and Foreign Languages. Satisfies humanities general education requirement for 3 hours in literature or 3 hours in humanities. Prerequisite(s): ENG 102 or 104. Students must complete ENG 231 or 232 (or equivalent) before enrolling in any English course numbered 301 or above, with the exceptions of ENG 361 and 408.

ENG 232 - Global Literature: Perspectives Within a Period or Location
3 credit hours
General Education Course
An in-depth study of a topic, issue, or genre within a literary period or cultural location. Explores the varied angles from which to examine a particular movement (such as modernism), form (such as the epic poem), or region (such as the Americas). In addition to deepening understanding of the variety of perspectives within literature, this course is intended to strengthen analytical skills and to improve expository writing ability. Note: Each section of ENG 232 emphasizes a slightly different topic; a list of section topics is available in the main office of the Department of English and Foreign Languages. Satisfies humanities general education requirement for 3 hours in literature or 3 hours in humanities. Prerequisite(s): ENG 102 or 104. Students must complete ENG 231 or 232 (or equivalent) before enrolling in any English course numbered 301 or above, with the exceptions of ENG 361 and 408.

ENG 233 - Honors Global Literature: Perspectives Across Periods and Locations
3 credit hours
General Education Course
A broad survey, exploring multiple perspectives. Traces enduring themes (such as the individual, ecology, virtue, or conspiracy) or forms (such as the novel) across a range of literary periods and cultural locations. In addition to exposing students to a diverse range of perspectives, this course is intended to strengthen analytical skills and to improve expository writing ability. Note: Each section of ENG 233 emphasizes a slightly different theme; a list of section themes is available in the main office of the Department of English and Foreign Languages. Satisfies humanities general education requirement for 3 hours in literature or 3 hours in humanities. Prerequisite(s): ENG 104. Students must complete ENG 231 or 232 (or equivalent) before enrolling in any English course numbered 301 or above, with the exceptions of ENG 361 and 408.

ENG 234 - Honors Global Literature: Perspectives Within a Period or Location
3 credit hours
General Education Course
An in-depth study of a topic, issue, or genre within a literary period or cultural location. Explores the varied angles from which to examine a particular movement (such as modernism), form (such as the epic poem), or region (such as the Americas). In addition to deepening understanding of the variety of perspectives within literature, this course is intended to strengthen analytical skills and to improve expository writing ability. Note: Each section of ENG 234 emphasizes a slightly different topic; a list of section topics is available in the main office of the Department of English and Foreign Languages. Satisfies humanities general education requirement for 3 hours in literature or 3 hours in humanities. Prerequisite(s): ENG 104. Students must complete ENG 231 or 232 (or equivalent) before enrolling in any English course numbered 301 or above, with the exceptions of ENG 361 and 408.

ENG 300 - Introduction to the Major
3 credit hours
Designed for English majors. Introduction to current trends in English studies, including critical approaches, research methods, and vocabulary and skills necessary for success in the major and the field. English majors and minors are strongly encouraged to take ENG 300 during the World Literature sequence (231, 232, 233, or 234, or equivalent). Minimum grade of C required. Prerequisite(s): ENG 102 or 104, or equivalent.

ENG 301 - Special Topics in Language and Literature
3 credit hours
One-time course in any of various non-traditional topics. Open to non-majors.

ENG 302 - Special Topics in Language and Literature II
3 credit hours
One-time course in any of various non-traditional topics. Open to non-majors.

ENG 305 - Introduction to the Study of British and American Literature I
3 credit hours
A survey of British and American literature from the Middle Ages to 1660, with an emphasis on major trends and influential writers. Required of all English majors. Prerequisite(s): ENG 300, although students may petition to take ENG 300 as a corequisite.

ENG 306 - Introduction to the Study of British and American Literature II
3 credit hours
A survey of British and American literature from 1660 to 1865, with emphasis on major trends, influential writers, and the transatlantic dialogue that emerged following the American Revolution. Required of all English majors. Prerequisite(s): ENG 300, although students may petition to take ENG 300 as a corequisite.

ENG 307 - Introduction to the Study of British and American Literature III
3 credit hours
A survey of British and American literature from 1865 to the present, with emphasis on major trends and influential writers of the Modern and Contemporary periods. Required of all English majors. Prerequisite(s): ENG 300, although students may petition to take ENG 300 as a corequisite.

ENG 310 - Literature for Children
3 credit hours
Selecting, reading, and evaluating literature for children. Enrollment preference is given to majors in Elementary Education, Communication Science and Disorders, Family and Consumer Sciences, and Theatre. Others may be admitted with permission of the department.
ENG 320 - Studies in World Literature
3 credit hours
Selected masterpieces of world literature in translation. May survey great works from various cultures, or survey works from a single culture (e.g., Japanese literature in translation), or focus on a group of sacred texts (e.g., Bible and Koran). (May be crosslisted with FRN 320 or 321 or with SPN 320 or 321.)

ENG 361 - Creative Writing
3 credit hours
Guided workshop in poetry and creative prose, including short fiction and life writing. This course introduces and emphasizes the basic elements of creative writing across genres: narrative, image, and voice among them. Limited enrollment. Course may be repeated for credit (as topic changes) for a maximum of 6 hours. Prerequisite(s): ENG 101/103 and 102/104.

ENG 380 - Advanced Composition
3 credit hours
Guided writing of non-fiction, with an emphasis on developing a clear, coherent style.

ENG 404 - Literature for Young Adults
3 credit hours
Poems, short stories, novels, and plays with an appeal for young people in grades 7-12.

ENG 405 - Studies in One or Two Authors
3 credit hours
Close study of selected texts by a single figure (e.g. Shakespeare, Chaucer, Austen) or comparison of texts by a pair of writers (e.g. Barrett Browning and Dickinson). May be repeated for credit as authors vary. Prerequisite(s): ENG 300 or consent of instructor.

ENG 408 - Practicum in Writing Center Tutoring
1-3 credit hours
This course combines study of major scholarship on writing-center theory and practice with firsthand observations of tutoring sessions, followed by direct tutoring experience. It is intended for prospective and practicing Harbert Writing Center tutors, as well as for non-tutoring students who expect to teach writing during their careers. Prerequisite(s): ENG 101/103, 102/104, 231/233, 232/234, or consent of instructor.

ENG 411 - Studies in Drama
3 credit hours
Study of the formal and generic features of drama. May emphasize development of dramatic form and content, a group of writers (the Irish Literary Revival), a period (Elizabethan and Jacobean), or a sub-genre (tragedy). Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 412 - Studies in Poetry
3 credit hours
Study of the forms and conventions of poetry. May emphasize a poetic kind (the lyric, the dramatic monologue, the elegy), a group of writers (Pope and his circle), a period or culture (contemporary Caribbean poetry), or a recurrent theme (country and city). Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 413 - Studies in the Novel
3 credit hours
Study of the formal and generic features of the novel. May emphasize the origins and development of the novel, a group of writers (contemporary African American novelists), a period or culture (novels of the American South), or a sub-genre or kind (the Bildungsroman or picaresque). Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 414 - Studies in Short Fiction
3 credit hours
Study of the formal and generic features of the short story. May emphasize the origins and development of the short-story form, a group of writers (Latin American "magical realists"), or a period or culture (Southern Gothic). Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 415 - Studies in Non-Fiction
3 credit hours
Study of various forms of non-fiction prose (biography, autobiography, diaries and other forms of personal writing, journalism, polemical writing, the essay, etc.). Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 419 - Special Topics in Genre
3 credit hours
Exploration of a selected problem in genre. May consider history and uses of a formal device (meter), a theoretical problem (the ideology of the sonnet), a historical problem (the relationship between the novel and emerging national identities), or a cultural studies issue (constructions of race and gender in early modern English drama). Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 423 - Medieval Literature
3 credit hours
Studies in literature of the Middle Ages (750-1500). May include Beowulf, Chaucer, Petrarch, Dante, Marie de France. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 424 - Early Modern Literature
3 credit hours
Studies in literature of the Renaissance and 17th century (1500-1660). May include Spenser, Donne, Jonson, Marvell. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 425 - Restoration and Eighteenth-Century Literature
3 credit hours
Studies in literature from the "long Eighteenth century" (1660-1790). May include Dryden, Etherege, Bunyan, Defoe, Pope, Swift, Johnson. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 426 - The Romantic Period
3 credit hours
Studies in literature of the Romantic period (1790-1832). May include Blake, Wordsworth, Coleridge, Byron, the Shelleys, Keats. Prerequisite(s): ENG 300 or equivalent or consent of instructor.
ENG 427 - The Victorian Period
3 credit hours
Studies in literature of the Victorian period (1832-1900). May include Carlyle, Tennyson, the Brownings, Arnold, the Rossettis, Hopkins, and Hardy. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 428 - Modern Literature
3 credit hours
Studies in literature of the 20th century. Aspects of modernism examined through texts of one or several genres. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 431 - American Literature to 1865
3 credit hours
Studies in colonial and 19th-century American literature. May include Bradford, Bradstreet, Franklin, Hawthorne, Poe, Melville, Whitman, and Dickinson. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 432 - American Literature after 1865
3 credit hours
Studies in American literature from the late 19th century through the present. May include Twain, James, Chopin, Crane, Dreiser, Steinbeck, Williams, Barth. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 439 - Special Topics in the Literature of a Region, Culture, or Period
3 credit hours
Exploration of a selected topic in a period or culture. May consider a historical problem (did women have a Renaissance?) or the literature of a period and/or subculture (the Harlem Renaissance, Southern Literature). May be repeated for credit if topic is different. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 452 - Studies in Critical Theory
3 credit hours
A study of both ancient and modern critical concepts that attempt to discover meaning in or impose meaning on literary texts. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 454 - Studies in Composition and Rhetoric
3 credit hours
Focused studies in specific areas of research in composition (e.g., studies in the composing process) and rhetoric (e.g., classical rhetoric, rhetoric of particular genres).

ENG 455 - Advanced English Grammar
3 credit hours
Provides a standard framework for identifying and authoritatively discussing the grammatical forms and constructions of Standard English. Required of all students seeking Language Arts certification.

ENG 456 - The Writing Process: Theories and Practices
3 credit hours
This course explores and synthesizes theories and practices related to writers' processes and the teaching of writers. In addition to providing a foundation upon which students may develop strategies for improvising as writers, the course also will foster the kinds of skills needed for successfully assigning, analyzing, and responding to the writing of others. Prerequisite(s): ENG 101/103, 102/104, 231/233, and 232/234.

ENG 461 - Advanced Creative Writing
3 credit hours
In-depth workshop of poetry and/or creative prose. May focus on a particular genre or theme (the long poem, memoir, creative nonfiction). Includes readings in contemporary literature and at least one extended writing project. Limited enrollment. May be repeated with consent of instructor. Prerequisite(s): ENG 361 or equivalent or consent of instructor.

ENG 471 - African-American Literature
3 credit hours
Historical perspectives on issues, themes, and distinctive literary strategies in African-American literature. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 472 - Literature from the Margins
3 credit hours
Studies in literature written by groups traditionally marginalized either within or beyond national boundaries. Explores racial, ethnic, and cultural plurality. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 473 - Postcolonial Literature
3 credit hours
Studies in literature arising from colonialism and the dissolution of European empires, including works from Africa, India, and the Caribbean. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 474 - Anglophone Literature
3 credit hours
Study of literature from settler countries, including Canada, South Africa, and Australia. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 475 - Literature of Sexuality and Gender
3 credit hours
Study of literature that explores human sexuality and gender from a variety of perspectives. May include literature by LGBTQ+ individuals or recently recovered or under-studied women. Prerequisite(s): ENG 300 or equivalent or consent of instructor.

ENG 476 - Selected Topics in Literature and Language
Variable credit hours
A special-topics course designed to meet a particular program or student need; the number of credit hours is determined by the faculty member teaching the course, in consultation with the department chair. Prerequisite(s): ENG 300 or equivalent or consent of instructor.
Environmental Studies
College of Arts & Sciences

ES 200 - Environment and Society
3 credit hours
General Education Course
ES 200 is an exploration of the relationship between human culture and ecological systems. In this course, which serves as the introductory experience for the Environmental Studies program, we will explore diverse issues in contemporary environmental thought. Students will develop well-informed perspectives on environmental topics.

ES 250 - Principles of Sustainability
3 credit hours
This course will explore challenges and opportunities for human society to move toward sustainable living, with emphasis on the balance between social, economic, and environmental sustainability. This interdisciplinary course will entail readings, projects, and lecture-based study of the theory and practice of sustainability. Prerequisite: ES 200 recommended.

ES 300 - Interdisciplinary Approaches to Environmental Studies
3 credit hours
This team-taught course focuses on interdisciplinary issues related to the natural environment to foster complex awareness of environmental concerns. Course content and instructors will change with each offering. Course number may be taken repeatedly for credit providing content differs (approval of ES Coordinator required).

ES 310 - Special Topics in Environmental Studies
1-4 credit hours
This course focuses on interdisciplinary issues related to the natural environment and serves to foster awareness of environmental concerns. Course content and instructor will change with each offering. Course number may be taken repeatedly for credit providing course content differs. Approval of ES Coordinator is required.

ES 350 - Environmental Policy
3 credit hours
Study both historical and current environmental policy challenges at the local, national, and international levels. Analyze legal texts, policy documents, scholarly literature, and news media to explore the complexity of environmental governance. ES 200 is recommended.

ES 401 - Interdisciplinary Approaches to Environmental Studies
3 credit hours
This team-taught course focuses on interdisciplinary issues related to the natural environment to foster complex awareness of environmental concerns. Course content and instructors will change with each offering. Course number may be taken repeatedly for credit providing content differs. Approval of ES Coordinator is required.

ES 410 - Special Topics in Environmental Studies
1-4 credit hours
This course focuses on issues related to the natural environment and serves to foster awareness of environmental concerns. Course content and instructor will change with each offering. Course number may be taken repeatedly for credit providing course content differs. Approval of ES Coordinator is required.

ES 475 - Environmental Studies in Action
3 credit hours
Environmental Studies in Action is the ES capstone experience. The capstone is a semester-long team research/service learning project where students generate concrete products for a real-world client; these products may include written documents, presentations, infrastructure, or other material outputs. All of the projects will have an environmental component, but students may bring in other disciplines as needed in order to design innovative solutions to sustainability challenges. This course is recommended for senior year, after students have developed a solid interdisciplinary foundation in environmental studies. Prerequisite: ES 250 recommended.

ES 480 - Environmental Studies Independent Project
1-4 credit hours
Environmental Studies in Action is the ES capstone experience. The capstone is a semester-long team research/service learning project where students generate concrete products for a real-world client; these products may include written documents, presentations, infrastructure, or other material outputs. All of the projects will have an environmental component, but students may bring in other disciplines as needed in order to design innovative solutions to sustainability challenges. This course is recommended for senior year, after students have developed a solid interdisciplinary foundation in environmental studies. ES 200 recommended.

ES 495 - Environmental Studies Internship
1-6 credit hours
ES students work with a local environmental organization to apply their academic training to real-life environmental challenges. Students may work with government, nonprofit, or business partners, as long as their internship has an environmental or sustainability theme. Can be taken for up to 6 credits. GPA minimum 3.0 or permission of instructor required to enroll. ES 200 and 250 recommended.
Courses of Instruction

Family and Consumer Sciences
College of Education

FCS 150 - Apparel Construction and Analysis
3 credit hours
One lecture, two two-hour laboratories. Development of modern skills and techniques in clothing construction; clothing selection and consumer economics.

FCS 170 - Introduction to Food Science and Preparation
3 credit hours
Three lectures, one two-hour laboratory. Basic food science and technology; biotechnology; basic food safety and sanitation; culinary techniques in food preparation; food resources, time and meal management; role of food in the promotion of a healthy and enjoyable life-style.

FCS 201 - Visual Merchandising
3 credit hours
Visual merchandising focuses on design principles applied to various display needs, which include investigation and hands-on experience in planning, implementing, and evaluating displays for commercial and educational needs. Emphasis will also be placed on the effects of advertising on consumer purchasing.

FCS 241 - Foundations of FCS
3 credit hours
The course will focus on the study of the body of knowledge, the integrative nature, and the conceptual foundations of the family and consumer sciences profession. It addresses the roles and behaviors of professionals in interpersonal relationships among people. Through discussions about wellness, global interdependence, resource development and sustainability, capacity building, the use of technology, diversity, and the ecological perspective, the students will understand their roles as FCS professionals in the application of content to societal issues and in the shaping of public policy.

FCS 254 - International Retailing
3 credit hours
Examination of principles of international trade related to retailing on a global basis.

FCS 265 - Fashion Fundamentals
3 credit hours
A survey of the fashion industry including the role of professionals, the fashion design process, fashion terminology, fashion designers, legislation, marketing and sales, garment styles and parts, fashion cycles and trends, impact of technology on the fashion industry, and the process of taking a design concept from idea to market.

FCS 281 - Introduction to Nutrition
3 credit hours
Food requirements, nutritive values; choice, use of food for maintenance and advancement of positive health; role of nutrients in human nutrition.

FCS 285 - Fashion Forecasting
3 credit hours
This course will explore the influencing factors that predict the fashion industry. Through their study and analysis of innovations, direction of fashion change, culture, color, and textiles, students will gain an understanding of fashion forecasting.

FCS 291 - Individual and Family Development
3 credit hours
General Education Course
Individual and family development throughout the life cycle, prenatal through the aging adult. Includes observation hours.

FCS 330 - Consumer Economics
3 credit hours
This course provides students with an overview of consumer rights and responsibilities, including contracts, financial management, banking, credit, housing, buying skills, and insurance. The emphasis throughout the course is on the student's competence in making wise consumer decisions throughout the various life stages.

FCS 336 - Technology in Retailing
3 credit hours
An examination of electronic commerce as it pertains to retail merchandising.

FCS 350 - Textiles
3 credit hours
Two hours lecture and one two-hour laboratory per week. The study of textiles, fabrics, and their uses, including the study of natural and man-made fibers, fabric construction, yarns, and finishes.

FCS 360 - Retail Buying
3 credit hours
Provides students with a complete overview of the buying function in various types of retail fashion companies. Examines in detail the principles of retail math (profit and loss, pricing, markup, inventory control, shortages, forecasting, and store organization), actual calculations, and logic behind decisions based on these numbers.

FCS 362 - Administration and Methods in Human Development and Family Studies
3 credit hours
Explores principles and methods of teaching and/or serving in programs across the lifespan; examines the functions of administrators in programs related to HDFS; includes active field observation. Prerequisite(s): FCS 391 and 494 with grades of “C” or higher.

FCS 386 - Family Policy
3 credit hours
This course will explore the legal issues, policies, and laws influencing the well-being of families. Students will explore how families contribute to and are affected by social problems, as well as the impacts that policies may have on families. Through their study and analysis of family policies and laws, students will gain an understanding of their role as FCS professionals in the shaping of public policy. Restricted to students with junior or senior status.
FCS 389 - Infant Development
3 credit hours
Emotional, social, intellectual, and physical aspects of development, prenatal through early preschool (ages 0-3). Includes observation, methods, and practical experiences with infants, toddlers, and early preschoolers. For FCS majors. Prerequisite(s): FCS 291.

FCS 391 - Child Development
3 credit hours
One-hour laboratory. Basic growth and development principles; physical, social, emotional, and cognitive development; emphasis on children enrolled in Pre-K through middle school; directed observations and participation in Child Study Center and local preschool programs. For FCS majors. Prerequisite(s): FCS 291 or 391.

FCS 400 - Adolescent and Young Adult Development
3 credit hours
Theory and practice related to physical, social, intellectual, and emotional development of preadolescents through young adulthood. Prerequisite(s): FCS 291 or 391.

FCS 402 - Dynamics of Family Relationships
3 credit hours
General Education Course
A comprehensive understanding of the key issues facing marriages and families in the 21st century; help in understanding the dynamic nature of marriages, families, and intimate relationships and their diversity.

FCS 405 - Adult Development and Aging
3 credit hours
Perspectives on developmental issues in later life. Examination of issues related to the adulthood and retirement years with special emphasis on processes and problems associated with growing older. Prerequisite(s): FCS 291.

FCS 407 - Human Sexuality
3 credit hours
This course will examine research and theories related to the physiological, psychological, and social aspects of human sexual development across the life span. The course will also provide students with an understanding of strategies to make value-respecting decisions with the goal of achieving healthy sexual adjustment.

FCS 435 - Professional and Career Development
3 credit hours
Application of family and consumer sciences concepts and principles on the preparation of students to enter the world of work; importance of personal and professional relationships, the dynamics of the professional position, and the strategies used in professional practice.

FCS 451 - Retail Planning
3 credit hours
Practices, policies, and design of retail businesses, emphasis on merchandising and role of the consumer. Course is built on cumulative study of accounting, marketing, management, economics, and family and consumer sciences merchandising. Restricted to majors with a minimum 2.0 GPA.

FCS 452 - Clothing Design-Flat Pattern
3 credit hours
One lecture. Two two-hour laboratories. Flat pattern techniques in costume design. Offered as needed.

FCS 453 - Clothing Design-Draping
3 credit hours
One lecture. Two two-hour laboratories. Draping techniques in costume design. Students execute their original designs. Offered as needed.

FCS 460 - Problems in Family and Consumer Sciences
3 credit hours
Students select problem with approval of chairman and work with guidance and supervision of an assigned faculty member. Hours to be arranged. This course can be repeated two times for up to 6 hours credit with instructor and advisor approval.

FCS 461 - Retail Merchandising Internship for Minors
3 credit hours
Off-campus experience in business for 160 hours; includes full-time work in a program developed by the Department of Family and Consumer Sciences and business personnel. Restricted to retail merchandising minors only. Students must have junior or senior standing and at least a 2.0 GPA.

FCS 462 - Human Development and Family Studies Internship for Minors
3 credit hours
Supervised work experiences for 160 hours (minors) in approved community programs for children, youth, adults, and/or families. Restricted to students who have senior standing and at least a 2.0 GPA. Prerequisite(s): FCS 291 and 391.

FCS 465 - Parenting and Guidance
3 credit hours
This course provides an application of theory, research, and developmentally appropriate practices to understand the role of parents in guiding the behavior of children from birth to adolescence, and in establishing healthy parent-child relationships across the lifespan. It also includes a study of programs that facilitate parent education. Prerequisite(s): FCS 291 or 391.

FCS 477 - Quantity Foods
3 credit hours
Two lectures. One two-hour laboratory. Planning, procuring, storing, producing, and serving foods for families and commercial production. Emphasis is placed on nutritional needs, culture, socioeconomic levels, safety, sanitation, and management. Prerequisite(s): FCS 170.

FCS 490 - Family Life Education
3 credit hours
This course will provide an understanding of the general philosophy and broad principles of family life education in conjunction with the ability to plan, implement, and evaluate such educational programs. It will include research and theories related to planning, implementing, and evaluating programs; education techniques; sensitivity to others; and
sensitivity to community concerns and values. Prerequisite(s): FCS 402. Prerequisite(s) with concurrency allowed: FCS 407 and 465.

FCS 491 - Methods and Materials for Teaching Family and Consumer Sciences
3 credit hours
Strategies and methods for teaching family and consumer sciences career connections and family-life programs in middle- and secondary-school settings; organization, administration, and assessment of career/technical programs including project-based learning, student organizations, advisory committees, business/industry certification, workplace applications, and career portfolio development. Admission to the TEP required.

FCS 494 - Implementation of Early Childhood Programs
3 credit hours
Organizing, planning, evaluating various programs for young children. Supervised experiences with 3- and 4-year-old children in Child Study Center and other early-childhood education programs (Pre-K). Prerequisite(s): For child and family studies concentration: FCS 291 and 391.

FCS 498 - Retail Merchandising Internship for Majors
6 credit hours
Off-campus experience in business for 320 hours; includes full-time work in a program developed by the Department of Family and Consumer Sciences and business personnel. Restricted to retail merchandising majors only. Students must have junior or senior standing and at least a 2.0 GPA.

FCS 499 - Human Development and Family Studies for Majors
6 credit hours
Supervised work experiences for 320 hours in approved community programs for children, youth, adults, and/or families. Restricted to human development and family studies majors only. Students must have senior standing and at least a 2.0 GPA.

Finance
Michael E. Stephens College of Business

FI 372 - Business Finance
3 credit hours
Financial analysis, profit planning, budgeting, valuation of the firm, current asset management, and short- and long-term financing. Sophomore standing required. Prerequisite(s): AC 221.

FI 401 - Money and Banking
3 credit hours
The functions of money, credit, and financial institutions in our economy. Details the structure of interest rates and investigates the determination of the level of domestic rates of interest and their implications for international currency markets. (Cross-listed with EC 401.)

FI 411 - Risk Management and Insurance
3 credit hours
This course examines the various risk control and financing techniques available to manage risk exposures. The course includes risk identification, risk evaluation, and risk financing methods for managing property, liability, and life, health, and retirement exposures to loss. Prerequisite(s): FI 372.

FI 415 - Financial Services Seminar
3 credit hours
Topics relating to the General Securities Representative Exam (Series 7) including, but not limited to, corporate equity/fixed-income securities, local/state/federal government securities, derivative securities, investment company products and fiduciary duties to customers. This course is not affiliated with the Financial Industry Regulatory Authority (FINRA), the Series 7 exam provider, and does not exempt students from the examination eligibility requirements. Prerequisite(s): FI 372.

FI 420 - Futures and Options
3 credit hours
This course studies the use of futures, forwards, and options for hedging, arbitrage, and speculation. The focus is on understanding and valuating the basic derivatives and their applications in financial risk management and investment. Prerequisite(s): FI 372.

FI 421 - Financial Information Systems
3 credit hours
This course discusses the basics of financial information systems, including their analysis, design, development, and maintenance. The course covers tools for financial transaction and data analysis and their application for defining present and future values, positive and negative cash flows, calculating depreciation, taxes, and amortization tables. The course also considers what-if analyses. Prerequisite(s): FI 372, MIS 161.

FI 472 - Advanced Business Finance
3 credit hours
Theory and applications of financial management of the firm, structure and cost of capital, working capital management, dividend policy, long-term financial planning and forecasting. Prerequisite(s): FI 372.

FI 473 - Investments
3 credit hours
The structure and operation of securities markets, introduction to portfolio management and capital market theory, the valuation of common stocks and fundamental analysis, determinants of option prices, determinants of future prices, portfolio performance measurement and risk management, international portfolio management and international investing. Prerequisite(s): FI 372.

FI 474 - Financial Planning
3 credit hours
Development of financial planning principles and their application to the design of insurance, savings, and investment programs for individuals. Topics include property, health, life insurance, deposit-based and marketable savings
alternatives, fixed income and equity investment alternatives including mutual funds. Prerequisite(s): FI 372.

**FI 475 - Special Topics**  
3 credit hours  
Study of a select range of topics relating to banking and finance and may include market efficiency, behavioral finance, asset pricing theories, international banking and finance, options theory and productivity and performance in financial institutions, international trade, and foreign direct investments. This course may be repeated as topic varies. A maximum of six (6) credit hours may be counted toward a degree. Consent of instructor required. Prerequisite(s): FI 372.

**FI 476 - Applied Research in Finance**  
3 credit hours  
Research project under the supervision of an assigned faculty member. Course may be repeated for a total of 6 credit hours. Junior standing and consent of instructor required. Prerequisite(s): FI 372.

### Foreign Languages  
**College of Arts & Sciences**

**FL 100 - Introductory Foreign Language Study**  
1-6 credit hours  
Emphasis on the development of basic communication skills in reading, writing, listening, and speaking, through grammatical and verbal drills, systematic vocabulary acquisition, reading, composition, and conversation. (Language may vary; see department chair.)

**FL 200 - Intermediate Foreign Language Study**  
1-6 credit hours  
Continued emphasis on the development of basic communication skills in reading, writing, listening, and speaking through grammatical and verbal drills, systematic vocabulary acquisition, reading composition, and conversation. (Language may vary; see department chair.)

**FL 300 - Methods in Foreign Language Teaching**  
3 credit hours  
Trends in second-language acquisition theory and methods, including an overview of the ACTFL standards, and may also include the Alabama course of study for foreign languages. Prerequisite(s): FRN 101/150, GER 101, SPN 101/103/150, or equivalent, or consent of instructor.

**FL 301 - Culture Through Cinema**  
3 credit hours  
Survey of topics in Hispanic, Francophone, and Germanic cultures through the study of film. A variety of written texts (scripts, critical articles, short stories, etc.) will enhance the regular viewing of films. Taught in English.

**FL 302 - Introduction to Literary Theory**  
3 credit hours  
Exploration of reading methods for literary texts. To include works from Hispanic, Francophone, and Germanic literary traditions, as well as major critical approaches. Taught in English. Prerequisite(s): ENG 231/233 or ENG 232/234 or equivalent, or consent of instructor.

**FL 303 - Origin and History of Language**  
3 credit hours  
The general aim of this course is to give students a broadly based foundation in comparative historical linguistics, with particular emphasis on the development of Romance and Germanic languages and their similarities and/or differences. Taught in English. Prerequisite(s): FRN 101/150, GER 101, SPN 101/103/150, or equivalent, or consent of instructor.

**FL 370 - Special Topics**  
3 credit hours  
Investigation of selected topics or themes drawn from culture, history, literature or the arts, taught in a foreign language not offered at UM.

**FL 395 - Study Abroad**  
6 credit hours  
Immersion in the language of study to perfect linguistic and cultural skills. Students may substitute two upper-level courses in the language of their concentration for this requirement.

**FL 399 - Experiences in Language and Culture**  
1-3 credit hours  
Immersion in foreign culture and language.

**FL 480 - Senior Seminar: A Capstone Course for Foreign Language Majors**  
3 credit hours  
Studies on selected topics from Hispanic, Francophone, and Germanic literatures and cultures. Taught in English. Required of all Foreign Language majors. Can be repeated twice for credit if subject is different. Senior standing or consent of instructor required. Restricted to Foreign Languages majors.

**FL 495 - Study Abroad**  
6 credit hours  
Immersion study of literature, culture, and civilization in the target language. Students may substitute two 400-level courses in the language of their concentration for this requirement. Consent of instructor required.

### French  
**College of Arts & Sciences**

**FRN 101 - Introductory French I**  
3 credit hours  
General Education Course  
Emphasis on the development of basic communication skills in reading, writing, listening, and speaking, through grammatical and verbal drills, systematic vocabulary acquisition, reading, composition, and conversation.

**FRN 102 - Introductory French II**  
3 credit hours  
General Education Course  
Continued emphasis on the development of basic communication skills in reading, writing, listening, and speaking, through grammatical and verbal drills, systematic vocabulary acquisition, reading, composition, and conversation.
Courses of Instruction

Prerequisite(s): FRN 101 or equivalent or placement by departmental exam.

FRN 150 - Accelerated Introductory French
6 credit hours
General Education Course
This course covers the material for FRN 101 and FRN 102 in one semester. Emphasis on the development of basic communication skills in reading, writing, listening, and speaking, through grammatical and verbal drills, systematic vocabulary acquisition, reading, composition, and conversation. A minimum of one year of high school French is required to take this course. This course is not intended for true beginners of a language. May not be taken by students who have received credit for either FRN 101 or FRN 102.

FRN 201 - Intermediate French I
3 credit hours
General Education Course
Continued emphasis on the development of basic communication skills, stressing vocabulary, the idiom, and grammar, along with composition and conversation. Readings and discussion explore cross-cultural values. Prerequisite(s): FRN 102 or 150, or equivalent or placement by departmental exam.

FRN 202 - Intermediate French II
3 credit hours
General Education Course
Continuation of FRN 201. Prerequisite(s): FRN 201 or equivalent or placement by departmental exam.

FRN 250 - Accelerated Intermediate French
6 credit hours
General Education Course
Continued emphasis on the development of basic communication skills, stressing vocabulary, the idiom, and grammar, along with composition and conversation. Readings and discussion explore cross-cultural values. May not be taken by students who have credit for either FRN 201 or FRN 202. Prerequisite(s): FRN 102 or FRN 150 or equivalent or placement by departmental exam.

FRN 300 - Directed Independent Study
1-3 credit hours
Investigation of assigned subjects, supervised reading, and independent study at the advanced intermediate level. Consent of instructor and chair required.

FRN 301 - French Conversation
3 credit hours
Emphasis on development of speaking fluency. Oral practice highly emphasized. Occasional written exercises. Prerequisite(s): FRN 202 or 250 or placement test scores or consent of instructor.

FRN 302 - Grammar and Composition
3 credit hours
Emphasis on development of technical command of French through grammar review, vocabulary amplification, and writing exercises. Prerequisite(s): FRN 202 or 250 or placement test scores or consent of instructor.

FRN 303 - Phonetics and Phonology
3 credit hours
Studies in phonetics and phonology of French. Emphasis on pronunciation of contemporary French. At the instructor's discretion, the course may involve studies in linguistic analysis and transcription. Prerequisite(s): FRN 202 or 250 or placement test scores or consent of instructor.

FRN 310 - Business French
3 credit hours
Emphasis on understanding commercial vocabulary and comprehending authentic texts, as well as the creation of dialogues and oral presentations. Study of aspects of other areas of professional French (social work, law) may be included. Prerequisite(s): FRN 301, 302, or 303, or consent of instructor.

FRN 320 - French Literature in Translation
3 credit hours
Studies in French literature. Major works and authors of the French literary tradition. May be thematic or generic in approach or may concentrate on one author. Prerequisite(s): FRN 301, 302, or 303, or consent of instructor.

FRN 321 - Francophone Literature in Translation
3 credit hours
Studies in Francophone literature. Major works and authors writing in French outside France. May be thematic or generic in approach or may concentrate on one author. Prerequisite(s): FRN 301, 302, or 303, or consent of instructor.

FRN 330 - Survey of French Literature
3 credit hours
This course introduces students to the literary genres and historical panorama of French literature. Emphasis on the acquisition of reading skills and analytical tools in drama, poetry, narrative, and essay. Prerequisite(s): FRN 301, 302, or 303, or consent of instructor.

FRN 331 - Survey of Francophone Literature
3 credit hours
This course introduces students to the literary genres and historical panorama of Francophone literature. Emphasis on the acquisition of reading skills and analytical tools in drama, poetry, narrative, and essay. Prerequisite(s): FRN 301, 302, or 303, or consent of instructor.

FRN 340 - French Culture and Civilization
3 credit hours
This course introduces students to the main historical events, social movements, artistic currents, and philosophical vogues from the beginning of French civilization to the present. The cultural history of France will be considered within a national and international context. Prerequisite(s): FRN 301, 302, or 303, or consent of instructor.

FRN 341 - Francophone Culture and Civilization
3 credit hours
This course introduces students to the main historical events, social movements, artistic currents, and philosophical vogues in the French-speaking world, considered within a national and international context. Prerequisite(s): FRN 301, 302, or 303, or consent of instructor.
FRN 331 - Francophone Cultural Studies and Film
3 credit hours
Study of current events in the French-speaking world through use of print, electronic, and visual sources. Prerequisite(s): FRN 301, 302, or 303, or consent of instructor.

FRN 345 - The Francophone World Today
3 credit hours
Studies in contemporary French culture. Prerequisite(s): FRN 301, 302, or 303, or consent of instructor.

FRN 370 - Special Topics
3 credit hours
Investigation of selected topics or themes drawn from culture, history, literature, or the arts. Can be repeated twice for credit. Prerequisite(s): FRN 301, 302, or 303, or consent of instructor.

FRN 395 - Study Abroad
6 credit hours
Immersion in the French language to perfect linguistic and cultural skills. Prerequisite(s): FRN 301, 302, or 303, or consent of instructor.

FRN 400 - Directed Independent Study
3 credit hours
Investigation of assigned subjects, supervised reading, and independent study at the advanced level. Consent of instructor and chair required. Prerequisite(s): At least two classes numbered at FRN 331 or above.

FRN 405 - History of the French Language
3 credit hours
Study of the history of one or more aspects of the French language, including syntax, morphology, lexicon, and diffusion. Prerequisite(s): At least two classes numbered at FRN 331 or above.

FRN 430 - French Medieval, Renaissance or Early Modern Literature
3 credit hours
Studies in French literature from the Medieval and Renaissance periods to the beginning of the 18th century. At the instructor's discretion, this course may involve a survey of major authors and texts, or may explore a special topic. Prerequisite(s): At least two classes numbered at FRN 331 or above.

FRN 431 - Modern and Contemporary French Literature
3 credit hours
Studies in French literature from the 18th century to today. At the instructor's discretion, this course may involve a survey of major authors and texts, or may explore a special topic. Prerequisite(s): At least two classes numbered at FRN 331 or above.

FRN 440 - Francophone French Literature
3 credit hours
Studies in Francophone literature from its origins to today. At the instructor's discretion, this course may involve a survey of major authors and texts, or may explore a special topic. Prerequisite(s): At least two classes numbered at FRN 331 or above.

FRN 451 - Studies in Drama
3 credit hours
Study of the formal and generic features of drama. May emphasize the development of dramatic form and content, a group of writers, a period or a subgenre. Prerequisite(s): At least two classes numbered at FRN 331 or above.

FRN 452 - Studies in Prose
3 credit hours
Study of the formal and generic features of the novel, novella, essay, autobiography, and other prose forms. May emphasize origins and development of a particular prose genre, a group of writers, a period or culture, or a subgenre. Prerequisite(s): At least two classes numbered at FRN 331 or above.

FRN 453 - Studies in Poetry
3 credit hours
Study of the forms and conventions of poetry. May emphasize a poetic genre, a group of writers, a period or culture, or recurrent theme. Prerequisite(s): At least two classes numbered at FRN 331 or above.

FRN 470 - Special Topics
3 credit hours
Advanced investigation of selected topics or themes drawn from culture, history, literature, or the arts. Can be repeated twice for credit. Prerequisite(s): FRN 301, 302 or 303, or consent of instructor, and at least two classes numbered at FRN 331 or above.

Game Studies and Design
College of Arts & Sciences

GSD 210 - History of Games
3 credit hours
An exploration of the history of games from ancient times to modern day.

GSD 225 - Survey of Modern Games
3 credit hours
A study of popular world games and game franchises from the 20th and 21st centuries examining and critiquing their impact, technique, design, and style. Includes regular game play.

GSD 295 - Special Topics
1-3 credit hours
Topics will be announced prior to registration. Topics vary. Course may be repeated for credit as topic changes.

GSD 301 - Game Design Workshop I
3 credit hours
This class will introduce students to the fundamentals of game design, including the basic principles of card, board, role playing, and video games. Topics will include concept and design elements as students begin developing their own games. Prerequisite(s): Any GSD course (210 - concurrent enrollment allowed, 225, 295, 395) or MATH 202 or consent of instructor.
**Courses of Instruction**

**GSD 302 - Game Design Workshop II**
3 credit hours
A continuation of GSD 301, with an emphasis on play testing and development. Students will develop a body of work suitable for a portfolio that will include at least one finished product. Prerequisite(s): GSD 301.

**GSD 395 - Special Topics**
1-3 credit hours
Topics will be announced prior to registration. Topics vary. Course may be repeated for credit as topic changes.

**GSD 495 - Special Topics**
1 to 3 credit hours
Topics will be announced prior to registration. Topics vary. Course may be repeated for credit as topic changes.

**General Business**
*Michael E. Stephens College of Business*

**GB 100 - Introduction to Business**
3 credit hours
Introduction to accounting, economics, finance, management, marketing, and business law.

**GB 250 - Applied Finance for Non-Business Majors**
3 credit hours
Introduce the student to the fundamental concepts of financial management with perspective being practical rather than theoretical. Topics covered will help the student make better financial decisions on a personal level and make appropriate decisions if managing the financial records of a small business or a non-profit organization.

**GB 270 - Personal Finance**
3 credit hours
Planning and managing personal finances, residential housing purchase, insuring your resources, and investing your financial resources. Designed primarily for students pursuing a degree in Arts & Sciences or Fine Arts. Open to Business majors as a free elective only.

**GB 409 - Internship in Business**
3 credit hours
Work-related experience in a private, public or governmental organization enhancing student learning of academic concepts and theories in the student's major area. Course may be repeated for a total of 6 credit hours on a pass/fail basis. Prerequisite(s): Major area prerequisite(s), junior standing, GPA of 2.5 in major and business core, and consent of instructor.

**GB 410 - Internship in Business II**
3 credit hours
Work-related experience in a private, public or governmental organization enhancing student learning of academic concepts and theories in the student's major area. Prerequisite(s): Major area prerequisite(s), junior standing, GPA of 2.5 in major and business core, and consent of instructor.

**Geography**
*College of Arts & Sciences*

**GEOG 231 - World Regional Geography**
3 credit hours
General Education Course
The nature and characteristics of places as affected by human activity. Emphases on the historical, political, economic, and social attributes of the world's regions in relation to current world events.

**GEOG 303 - Selected Topics in Regional Geography**
3 credit hours
Study of the physical and human geography of a particular region in the world focusing on contemporary and global issues. Topics will be announced prior to registration period. Course may be repeated for credit as topic changes. Restricted to sophomores, juniors, and seniors. Prerequisite(s): GEOG 231.

**GEOG 331 - Human Geography**
3 credit hours
The major organizing concepts of economic and cultural geography. Man's geographic behavior in terms of spatial organization of the earth's surface and his development of regional, urban, and political systems.

**GEOG 332 - Physical Geography**
3 credit hours

**GEOG 375 - Geography of the United States and Canada**
3 credit hours
A geographical analysis of the United States and Canada, with emphasis on regional variations of social, economic, political, and historical geography.

**GEOG 405 - Urbanism and Sustainability**
3 credit hours
History and contemporary process of urbanization; location, functions, and internal structures of cities; relations among cities and among urban, suburban, and exurban areas. Emphasis on the ecological, economic, cultural, and postmodern perspectives. Prerequisite(s): Prerequisite: GEOG 231.

**GEOG 411 - Selected Topics in Geography**
3 credit hours
Topics vary. Course may be repeated for credit as topic changes. Prerequisite(s): HIST 101 and 102, or HIST 103 and 104.

**GEOG 466 - Political Geography**
3 credit hours
Major political structures and geopolitical implications of location, shape, area, culture, and natural environment of nations and states. Spatial analysis of voting behavior.
**Courses of Instruction**

**Geology**  
*College of Arts & Sciences*

**GEOL 110 - Physical Geology**  
4 credit hours  
**General Education Course**  
Lecture and one two-hour laboratory. Materials and processes of the surface and interior of the earth, including the origin of minerals and rocks, earthquakes, volcanoes, earth structure, and plate tectonics. Resources, energy, and environmental problems are emphasized. Laboratory includes study of rocks, minerals, and maps.

**GEOL 115 - Historical Geology**  
4 credit hours  
**General Education Course**  
Lecture and one two-hour laboratory. History of the earth as recorded in rocks, life history as shown by fossil evidence, and rocks as records of ancient conditions and environments. Geologic history of North America is emphasized. Laboratory covers rocks, fossils, ancient environments, and maps.

**GEOL 120 - Introduction to Planetary Science**  
4 credit hours  
Survey of astronomy. Enrollment limited to majors in Elementary and Early Childhood Teacher Education and Middle and Secondary School General Science Education. This course does not fulfill any science requirement outside of these programs.

**German**  
*College of Arts & Sciences*

**GER 101 - Introductory German I**  
3 credit hours  
**General Education Course**  
Emphasis on the development of basic communication skills in reading, writing, listening, and speaking, through grammatical and verbal drills, systematic vocabulary acquisition, reading, composition, and conversation.

**GER 102 - Introductory German II**  
3 credit hours  
**General Education Course**  
Continued emphasis on the development of basic communication skills in reading, writing, listening, and speaking, through grammatical and verbal drills, systematic vocabulary acquisition, reading, composition, and conversation. Prerequisite(s): GER 101 or equivalent.

**GER 201 - Intermediate German I**  
3 credit hours  
**General Education Course**  
Continued emphasis on the development of basic communication skills, stressing vocabulary, the idiom, and grammar, along with composition and conversation. Readings and discussions explore cross-cultural values. Prerequisite(s): GER 102 or equivalent (see department chair).

**GER 202 - Intermediate German II**  
3 credit hours  
**General Education Course**  
Continuation of GER 201. Prerequisite(s): GER 201 or equivalent (see department chair).

**History**  
*College of Arts & Sciences*

**HIST 101 - History of World Civilizations I**  
3 credit hours  
**General Education Course**  
Major civilizations of the world, their institutions and basic characteristics. Civilizations covered include Mesopotamian, Egyptian, European, Indian, Chinese, Greek, Islamic, North and South American, African, and Japanese. HIST 101 and HIST 102 are prerequisites for all other history courses. Exceptions are made only when a student has fulfilled the freshman history requirement at another institution, where the requirement is HIST 211 - 212.

**HIST 102 - History of World Civilizations II**  
3 credit hours  
**General Education Course**  
Continuation of HIST 101.

**HIST 103 - History of World Civilizations for Honors Students (Prehistoric to 1500 A.D.)**  
3 credit hours  
**General Education Course**  
Same as HIST 101, but presented at an advanced level. For honors students.

**HIST 104 - History of World Civilizations for Honors Students II (1500 A.D. to present)**  
3 credit hours  
**General Education Course**  
Continuation of HIST 103. For honors students.

**HIST 211 - History of the United States**  
3 credit hours  
United States history from colonial times to 1865. Required of History majors and minors. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.

**HIST 212 - History of the United States**  
3 credit hours  
United States history from 1865. Required of History majors and minors. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.

**HIST 303 - Selected Topics in History**  
3 credit hours  
Topics vary. Course may be repeated for credit as often as topic changes. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.

**HIST 310 - Introduction to Historical Study**  
3 credit hours  
Characteristics and purposes of history and methods of historical study, research, and writing; survey of philosophies and theories of History. Required of history majors. Recommended for minors. Fall Semester. Prerequisite(s): HIST
### Courses of Instruction

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 101</td>
<td>Themes that will be covered in authoritarianism, civil rights, democratic development, and a whole. Political ideologies, economic underdevelopment, ideas, and multi-racial and multi-ethnic societies, the nature of slavery, regionalism, immigration, the economy, and religion. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.</td>
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<tr>
<td>HIST 325</td>
<td>Women's History</td>
<td>3</td>
<td>HIST 101 or 103, and HIST 102 or 104.</td>
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<tr>
<td>HIST 363</td>
<td>History of Europe Since 1815</td>
<td>3</td>
<td>General survey of Europe since Napoleon. Course includes the rise of nationalism, liberalism, imperialism, and socialism, the Two World Wars, the Cold War, and Europe's role in world politics. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.</td>
</tr>
<tr>
<td>HIST 380</td>
<td>History of Latin America</td>
<td>3</td>
<td>Survey of Latin American history. Prerequisite(s): HIST 101 or 103.</td>
</tr>
<tr>
<td>HIST 411</td>
<td>Selected Topics in History</td>
<td>3</td>
<td>Topics vary. Course may be repeated for credit as topic changes. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.</td>
</tr>
<tr>
<td>HIST 423</td>
<td>Civil Rights Movement</td>
<td>3</td>
<td>Traces development of Civil Rights Movement in the United States from 1954 to 1968. Emphasis on origins of segregation, community, protest movements, and Civil Rights leaders. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.</td>
</tr>
<tr>
<td>HIST 424</td>
<td>Colonial Latin America</td>
<td>3</td>
<td>This course examines the Americas before European conquest, the nature of Spanish and Portuguese colonialism, the impact of colonialism on the American environment, the nature of chattel slavery, the formation of multiracial and multi-ethnic societies, systems of social stratification, the collapse of colonial empires and establishment of independent republics after 1808. Special attention will be paid to factors that still affect contemporary Latin America. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104. (Cross-listed with HIST 524.)</td>
</tr>
<tr>
<td>HIST 425</td>
<td>Modern Latin America</td>
<td>3</td>
<td>This course surveys major themes in Latin American history after the independence was achieved from Spain and Portugal. Since it would be impossible to provide a detailed treatment of every Latin American country, the objective of the course is to give students a working knowledge of the ideas, experiences, and problems common to the region as a whole. Political ideologies, economic underdevelopment, authoritarianism, civil rights, democratic development, and the United States' presence in the region are some of the themes that will be covered in this course. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.</td>
</tr>
<tr>
<td>HIST 426</td>
<td>U.S.-Latin American Relations: 1820 to present</td>
<td>3</td>
<td>This course analyzes the political, social, and cultural events that have marked the relationship between Latin American countries and the United States. Students will consider the history of individual countries, while at the same time analyzing the influence of the United States policy on the region as a whole. The goal of the course is to introduce the student to factual and interpretive material useful for making informed judgments regarding the unequal interactions between the peoples of Latin America and the United States from 1820 to the present. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.</td>
</tr>
<tr>
<td>HIST 431</td>
<td>Cold War Latin America</td>
<td>3</td>
<td>This course examines Latin America during the Cold War with a focus on three types of politics: populism, Marxism, and anti-communist counterrevolution. Students will study the way Latin Americans supported and opposed these three types of politics, as well as their consequences for democracy, order, violence, and human rights. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.</td>
</tr>
<tr>
<td>HIST 432</td>
<td>History of French Film</td>
<td>3</td>
<td>This course will examine developments in modern French history through the analysis of French films. We shall discuss the evolution of film techniques, the elements of film history, and the role of national identity in French history. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.</td>
</tr>
<tr>
<td>HIST 433</td>
<td>Modern Brazil</td>
<td>3</td>
<td>This course surveys Brazilian history beginning with the founding of an independent state in 1822. Topics covered include slavery, regionalism, immigration, the economy, the armed forces, and other major themes such as race, class, gender, politics, and religion. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.</td>
</tr>
<tr>
<td>HIST 435</td>
<td>History of Modern Japan</td>
<td>3</td>
<td>A general survey of Japanese history, from 1600 to the present. Examines the major events and trends in Japanese politics, economics, and society in an international context. Topics include: the Tokugawa legacy, the Meiji Restoration, the “Westernization” of Japan, Japanese relationships with China, the Second World War, and the post-war economic “miracle.” Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.</td>
</tr>
<tr>
<td>HIST 441</td>
<td>History of England I-From the Roman Conquest to 1603</td>
<td>3</td>
<td>The religious, political, economic, social, and intellectual developments of the English people up through the Tudors. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.</td>
</tr>
<tr>
<td>HIST 442</td>
<td>History of England II-1603 to the Present</td>
<td>3</td>
<td>Continuation of HIST 441. HIST 441 is not a prerequisite. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.</td>
</tr>
</tbody>
</table>
HIST 444 - The Islamic World  
3 credit hours  
The Islamic World surveys the birth of Islam, the structure of Islamic civilization, early disputes and enduring controversies among Muslims, and the religion's spread to non-Arabic parts of the world. The second half of the class examines more contemporary issues such as the Islamic world's response to European colonialism, the Arab-Israeli conflict, and politics in the Islamic world. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104. (Cross-listed with HIST 543.)

HIST 447 - Medieval European History, 476-1400  
3 credit hours  
European history from the fall of the Roman Empire to the Renaissance. Emphasis will be on the religious, political, intellectual, and social development of Western Europe. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.

HIST 448 - Renaissance and Reformation, 1300-1563  
3 credit hours  
Will investigate the literary, artistic, intellectual, religious, and cultural achievements of Renaissance Italy, the rise and growth of Protestantism, and the Catholic reaction, against the background of the economic, political, and social developments in Western Europe. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.

HIST 455 - The French Revolution and the Napoleonic Era, 1789-1815  
3 credit hours  
Origin of the French Revolution in the institutions of the old regime and the ideas of the Enlightenment. The course of revolutionary events in France and their impact throughout Europe. Emphasis on Napoleon. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.

HIST 458 - History of Germany, 1871-1945  
3 credit hours  
A survey of German history beginning with the Second Reich, the Weimar Republic, and the Third Reich. Emphasis on the cultural, social, and political origins of Nazism and the Holocaust. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.

HIST 460 - History of the South  
3 credit hours  
Social and cultural factors contributing to the development of the South from colonial times to the present. Some attention to political and economic development of the region. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.

HIST 461 - History of Early Modern Europe, up to 1789  
3 credit hours  
A survey of European history from the Renaissance up to the outbreak of the French Revolution. Emphasis will be on the growth of Nation States; conflicts between Absolutism and Constitutionalism; the Scientific Revolution; changing social and economic patterns; and the Enlightenment. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.

HIST 465 - History of France Since 1815  
3 credit hours  
A continuation of HIST 455. Examines the major trends in French history in a European and international context. Topics include: The Bourbon Restoration, the Second Empire, the Third Republic, the Two World Wars, the Fourth and Fifth Republics, Reconstruction, Decolonization, and the European Union. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.

HIST 470 - Colonial America  
3 credit hours  
A history of the American colonies, covering the social, cultural, economic, and political development of the region and its peoples to 1763. Prerequisite(s): HIST 101 or 103, HIST 102 or 104, and HIST 211.

HIST 471 - Revolutionary America  
3 credit hours  
Origins, development, and consequences of the American Revolution from 1763 to 1800. Prerequisite(s): HIST 101 or 103, HIST 102 or 104, and HIST 211.

HIST 472 - History of Alabama  
3 credit hours  
Political, economic, social, and cultural developments of the region that comprises Alabama, from prehistoric times to the present. Emphasis on local development within the framework of American history. Prerequisite(s): HIST 101 or 103, HIST 102 or 104, and HIST 211 and 212.

HIST 473 - African-American History  
3 credit hours  
Examines the experience of blacks in America from 1619 to present, with special attention to slavery, emancipation, segregation, race, leadership, and the Civil Rights Movement. Fall Semester. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.

HIST 474 - Jeffersonian-Jacksonian America  
3 credit hours  
Traces the development of the United States through the early national period, 1800-1850. Focuses on Jeffersonian Republicanism, Jacksonian Democracy, and growing sectionalism in the early 19th century. Prerequisite(s): HIST 101 or 103, HIST 102 or 104, and HIST 211.

HIST 476 - The Civil War and Reconstruction Era, 1850-1877  
3 credit hours  
A study of the events leading to the Civil war; the major military, diplomatic, economic, and social issues associated with the war; and the developments during Reconstruction. Prerequisite(s): HIST 101 or 103, HIST 102 or 104, and HIST 211.

HIST 477 - The Gilded Age  
3 credit hours  
Political, economic, social, and technological developments of the United States from 1877 to 1920. Topics include industrialization, labor unions, the New South, Populism, and Progressivism. Prerequisite(s): HIST 101 or 103, HIST 102 or 104, and HIST 212.
HIST 479 - History of Alabama’s Constitutions
3 credit hours
This course explores the historical basis for Alabama's constitutions and considers the need for reform of the state's 1901 Constitution. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104. (Cross-listed with HIST 579.)

HIST 480 - Diplomatic History of the United States
3 credit hours
Foundations of American diplomacy and America's expanding role in international affairs. (Cross-listed with HIST 580.)

HIST 481 - The United States, 1900-1945
3 credit hours
Survey of U.S. history, with emphasis on the social, political, and economic problems of the period. Prerequisite(s): HIST 101 or 103, HIST 102 or 104, and HIST 212.

HIST 482 - The United States Since 1945
3 credit hours
Domestic, economic, political, and social problems from the beginning of the Cold War through the wars in Korea and Vietnam. Prerequisite(s): HIST 101 or 103, HIST 102 or 104, and HIST 212.

HIST 483 - History of Africa
3 credit hours
African geography, culture, and people. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.

HIST 484 - U.S. Wars-Korea and Vietnam
3 credit hours
This course examines recent military experiences of the United States in terms of the traditional American way of preparing for and waging war. To do this the course considers the emergence of a military policy following World War II that was unique in the American experience. As national policy changed in response to the communist threat, the armed services adapted to the new demands of a hostile world. Thus, permanent readiness for war became a part of American life during the Cold War. Historical inquiry will focus on military tactics, operations, and strategies; grand strategy; foreign policy; domestic politics; international diplomacy; social impacts; and lessons learned. Prerequisite(s): HIST 101 or 103, HIST 102 or 104, and HIST 212. (Cross-listed with HIST 584.)

HIST 490 - Directed Reading and Independent Study
3 credit hours
Investigation of assigned subjects, supervised reading, and independent study. Open to seniors by special arrangement with the instructor. Prerequisite(s): HIST 101 or 103, HIST 102 or 104.

HIST 491 - Senior Seminar in History
3 credit hours
This course will include a synthesizing of previous work in history, including historiography, and how that work has contributed to an understanding of the overall subject of history. It will involve the presentation and defense of a senior research paper, and will include a general knowledge test of history. Spring Semester. Restricted to History majors who have senior status and is required of all History majors. Prerequisite(s): HIST 101 or 103, HIST 102 or 104, and HIST 310.

HIST 495 - Internship in History
Up to 6 credit hours
Individual reading and study with a faculty member and work on an approved project with the Alabama Department of Archives and History, the Archival Department of the Birmingham Library, the Alabama Historic Commission, or a similar cooperating institution. Prerequisite(s): HIST 101 or 103, and HIST 102 or 104.

Honors

College of Arts and Sciences

HNRS 100 - Honors Introductory Experience
1 credit hour
The Honors Introductory Experience is designed to provide a learning community and common experience for incoming Honors students, and it will provide a forum for instilling the Program's intellectual goals and mission. Honors peer mentors will be an integral part of the course experience. This course is graded Pass/Fail. Restricted to members of the Honors Program.

HNRS 300 - Vacca Seminar
3 credit hours
Seminar topics vary according to the academic discipline of the visiting eminent scholar designated the Vacca Professor. Course number may be repeated for credit. Enrollment in the UM Honors Program required.

HNRS 308 - Special Topics
1 credit hour
Seminar topics vary according to the academic discipline of the UM professor or professors teaching the course. Topics are often interdisciplinary and may be team-taught. Course number may be repeated for credit. Enrollment in the UM Honors Program required.

HNRS 309 - Special Topics
3 credit hours
Seminar topics vary according to the academic discipline of the UM professor or professors teaching the course. Topics are often interdisciplinary and may be team-taught. Course number may be repeated for a total of 6 credit hours as long as topics are different. Enrollment in the UM Honors Program required.

HNRS 400 - Golson Seminar
1 credit hour
Required of Honors Program seniors who plan to graduate "with University Honors." Topics of general interest are selected by students and faculty participants. Participants bring to the seminars the perspective of their own disciplines and, by an exchange of views, contribute to a greater appreciation of the interrelations of academic endeavors. Students lead the seminar. Enrollment in the UM Honors Program required.

HNRS 409 - Special Topics
3 credit hours
Seminar topics vary according to the academic discipline of
the UM professor or professors teaching the course. Topics are often interdisciplinary and may be team-taught. Prerequisite: Enrollment in the UM Honors Program, plus any required by course professor. Course number may be repeated for up to 9 credit hours so long as topics are different. Enrollment in the UM Honors Program required.

**HNRS 490 - Thesis/Project**
**0-3 credit hours**
An opportunity for senior students to propose and carry out an in-depth thesis/project integrating the major with the general educational experience. May be combined with senior seminar-type courses required of various majors. Approval must be granted by the Honors Program Director and major professor. For guidelines and proposal forms, contact the Honors Program Director.

**Humanities**
*College of Arts & Sciences*

**HUM 400 - Internship**
**1-6 credit hours**
Humanities 400 is a for-credit internship program available to students majoring in humanities disciplines, who wish to have a work-world experience that draws upon their training in their major field. Typically, interns will have completed their junior year of studies. The amount of credit awarded will depend upon the number of hours worked and the kind of responsibility entailed by the internship. Typically, one hour's academic credit will be awarded for a minimum of 30 hours of work at the worksite, up to a maximum of 6 hours of elective credit. The Internship Director, in consultation with the Chair of the Department of English and Foreign Languages, will determine the amount of credit and the appropriateness of the work-site assignment.

**Interdisciplinary Studies**

**IDS 400 - Capstone Experience**
**3 credit hours**
The Interdisciplinary Studies capstone course is unique to each IDS major's curriculum. The specific content is to be developed or approved by the student's IDS faculty mentor. It may be cross-listed with another 400 level course if appropriate, or it may be designed as independent study. The course should encapsulate the major themes of the student's particular interdisciplinary course of study and require the student to demonstrate or employ the core knowledge and skills that the curriculum is intended to cultivate. IDS 400 should be taken in the senior year after all or most of the student's other major courses have been completed.

**International and Intercultural Studies**

**IIS 299 - Study Away**
**1-15 credit hours**
Academic and cultural experience provided at an off-campus location, either within the continental United States or abroad.

**IIS 399 - Study Away**
**1-15 credit hours**
Academic and cultural experience provided at an off-campus location, either within the continental United States or abroad.

**Kinesiology**
*College of Education*

**KNES 100 - Canoeing**
**1 credit hour**

**KNES 102 - Pilates/Yoga**
**1 credit hour**

**KNES 103 - Aerobic Exercise**
**1 credit hour**

**KNES 104 - Orienteering**
**1 credit hour**

**KNES 114 - Hiking/Backpacking**
**1 credit hour**

**KNES 116 - Racquetball**
**1 credit hour**

**KNES 120 - Health Wellness**
**3 credit hours**

**General Education Course**
This course is designed to provide the knowledge needed to assist students to make wise and informed decisions about their personal lifestyle behaviors to enable them to maximize their level of wellness. This course will help the students identify the various factors influencing their level of wellness. Information, skills and movement activities/games associated with lifetime activities will be demonstrated and practiced. Emphasis will be given to content areas and issues related to disease prevention and wellness.

**KNES 123 - Beginning Badminton**
**1 credit hour**

**KNES 126 - Beginning Golf**
**1 credit hour**

**KNES 127 - Beginning Swimming**
**1 credit hour**

**KNES 128 - Beginning Tennis**
**1 credit hour**

**KNES 130 - Games**
**1 credit hour**
Emphasis on learning the skills, rules, and strategies associated with Ultimate Frisbee and Frisbee Golf and utilizing
Courses of Instruction

those skills in game-play situations.

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tr>
<td>KNES 135</td>
<td>Beginning Modern Dance Technique</td>
<td>1</td>
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<tr>
<td>KNES 136</td>
<td>Intermediate Golf</td>
<td>1</td>
</tr>
<tr>
<td>KNES 145</td>
<td>Intermediate Modern Dance Technique</td>
<td>1</td>
</tr>
<tr>
<td>KNES 150</td>
<td>Physical Conditioning</td>
<td>1</td>
</tr>
<tr>
<td>KNES 153</td>
<td>Cycling/Jogging/Walking</td>
<td>1</td>
</tr>
<tr>
<td>KNES 157</td>
<td>Swim for Fitness</td>
<td>1</td>
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<tr>
<td>KNES 165</td>
<td>Beginning Ballroom Dance</td>
<td>1</td>
</tr>
<tr>
<td>KNES 167</td>
<td>Lifeguard Training</td>
<td>1</td>
</tr>
<tr>
<td>KNES 181</td>
<td>Introduction to Dietetics</td>
<td>1</td>
</tr>
<tr>
<td>KNES 190</td>
<td>Survey of Kinesiology</td>
<td>2</td>
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<tr>
<td>KNES 200</td>
<td>Care and Prevention of Athletic Injuries</td>
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<tr>
<td>KNES 201</td>
<td>Team Sports</td>
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<tr>
<td>KNES 202</td>
<td>Basketball</td>
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<tr>
<td>KNES 210</td>
<td>Personal Health</td>
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<tr>
<td>KNES 211</td>
<td>Motor Development</td>
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<tr>
<td>KNES 215</td>
<td>Weight Training</td>
<td>1</td>
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<tr>
<td>KNES 245</td>
<td>Beginning Ballet Technique</td>
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<tr>
<td>KNES 250</td>
<td>Medical Terminology</td>
<td>2</td>
</tr>
<tr>
<td>KNES 255</td>
<td>Intermediate Ballet Technique</td>
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<tr>
<td>KNES 265</td>
<td>Beginning Jazz Dance</td>
<td>1</td>
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<tr>
<td>KNES 285</td>
<td>Tap Dance</td>
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<tr>
<td>KNES 300</td>
<td>First Aid and Prevention</td>
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<tr>
<td>KNES 301</td>
<td>Individual and Dual Sports</td>
<td>3</td>
</tr>
<tr>
<td>KNES 305</td>
<td>Sports Nutrition</td>
<td>3</td>
</tr>
</tbody>
</table>

KNES 135 - Beginning Modern Dance Technique
1 credit hour

KNES 136 - Intermediate Golf
1 credit hour

KNES 145 - Intermediate Modern Dance Technique
1 credit hour

KNES 150 - Physical Conditioning
1 credit hour
Wide array of conditioning activities aimed at developing the components of fitness: cardiovascular endurance, muscular endurance, muscular strength, flexibility, and body composition. Kinesiology majors only.

KNES 153 - Cycling/Jogging/Walking
1 credit hour

KNES 157 - Swim for Fitness
1 credit hour

KNES 165 - Beginning Ballroom Dance
1 credit hour

KNES 167 - Lifeguard Training
1 credit hour

KNES 181 - Introduction to Dietetics
1 credit hour
Introductory course detailing history of nutrition, dietetics, and The American Dietetic Association; dietetics program framework and connection to FCS; path to securing a dietetic internship and passage of Registration Exam; professional development as a health-care professional; and career planning.

KNES 190 - Survey of Kinesiology
2 credit hours
Introduction to programs and philosophies of kinesiology, career opportunities, and professional leadership and ethics. Kinesiology majors only.

KNES 200 - Care and Prevention of Athletic Injuries
3 credit hours
Care and prevention of athletic injuries, with emphasis on management of acute injuries.

KNES 201 - Team Sports
3 credit hours
Instruction in the planning, organizing, and teaching of several team sports. Emphasis is on the study of skills, drills, equipment, facilities, fundamentals, strategies, officiating, and rules. Kinesiology majors and minors only, or by consent of instructor.

KNES 202 - Basketball
1 credit hour

KNES 210 - Personal Health
3 credit hours
Issues of personal and community health to help students develop a broad understanding of health from a whole-health perspective. Fall Semester. Kinesiology majors only.

KNES 211 - Motor Development
3 credit hours
The study of movement behavior and the associated biological change in human movement across the life span. This course includes classroom and laboratory experiences designed to assist the pre-professional in the process of observing and analyzing movement behavior and motor performance with applications to developmentally appropriate movement experiences. Kinesiology majors only.

KNES 215 - Weight Training
1 credit hour

KNES 245 - Beginning Ballet Technique
1 credit hour

KNES 250 - Medical Terminology
2 credit hours
This elective course is designed to provide Kinesiology majors and minors in related fields of study who are interested in careers in healthcare, medicine, nursing, pharmacy, physical therapy, occupational therapy, or other related careers with an in-depth study of medical language. The Medical Terminology course will be presented from a health and disease perspective and in relation to human structure and function. This course builds a framework by introducing the key elements of word structure and the understanding of medical terms, which then is applied to the specific body systems. Emphasis will be placed on defining, spelling, pronouncing, and analyzing medical terms, and also understanding the context in which these medical terms are used.

KNES 255 - Intermediate Ballet Technique
1 credit hour

KNES 265 - Beginning Jazz Dance
1 credit hour

KNES 285 - Tap Dance
1 credit hour

KNES 300 - First Aid and Prevention
2 credit hours
Instruction in American Red Cross Standard First-Aid. Emphasis on preventing accidents and treatment of emergencies when they occur.

KNES 301 - Individual and Dual Sports
3 credit hours
Instruction in the planning, organizing, and teaching of several individual and dual sports. Emphasis is on the study of skills, drills, equipment facilities, fundamentals, strategies, and rules. Kinesiology majors and minors only.

KNES 310 - Sports Nutrition
3 credit hours
Course will provide a sports-specific knowledge base in nutrition for the physical educator, athlete, coach, and recreational athlete. Nutritional goals and weight loss will be addressed. Kinesiology majors only.
KNES 315 - Orchesis Performing Group
1 credit hour

KNES 361 - Coaching of Team Sports
2 credit hours
Coaching methods for various sports, including strategy, conditioning, and schedule making. Kinesiology majors only.

KNES 373 - Seminar in Dietetics
1 credit hour
Overview of the American health-care system, policies, and administration; reimbursement issues in Medical Nutrition Therapy and outcomes-based research; guidance through application process for securing a dietetic internship. Open to majors only.

KNES 380 - Physiology of Exercise
4 credit hours
Physiological principles as they apply to health, fitness, and sport activities. Includes lectures, demonstrations, and a separate two-hour laboratory experience each week designed to increase knowledge and application of the adaptations of organ systems created through movement and vigorous exercise. Restricted to Kinesiology majors, and junior or senior standing. Prerequisite(s): BIO 342.

KNES 381 - Kinesiology
3 credit hours
This course is designed to develop a fundamental understanding of the anatomical, neuromuscular, and biomechanical principles of human movement. Further, the course allows for practical application of these principles in the field of kinesiology. Restricted to Kinesiology majors, and junior or senior standing. Prerequisite(s): BIO 341.

KNES 382 - Foodservice Systems Management
3 credit hours
Management, organization, administration of various foodservice systems; emphasis on management theories, quality control, cost analysis, financial and human resources, interviewing and negotiating techniques, diversity issues, educational theory and techniques, development of educational materials, and employee education.

KNES 398 - Exercise Testing and Evaluation
4 credit hours
Comprehensive, functional, and diagnostic examination of the cardiovascular responses to graded exercise testing. Emphasis given to electrophysiology, mechanisms of arrhythmias, normal electrical activation of the heart, axis determination, and the normal 12-lead electrocardiogram. Includes lectures, demonstrations, and a separate two-hour laboratory experience each week designed to increase knowledge and application of the course content. Prerequisite(s): Restricted to Kinesiology majors, and junior or senior standing. Prerequisite(s) with concurrency allowed: KNES 380.

KNES 400 - The Curriculum in Physical Education
3 credit hours
Curricular designs and selected areas of study in health and physical education. Admission to the TEP required.

KNES 411 - Developing Creativity Outdoors
3 credit hours
Contributions to a child's creativity through exploration, discovery, and direct experiences utilizing the natural environment as a learning laboratory, through physical-education activities.

KNES 420 - Evaluation in Physical Education
3 credit hours
Examination and description of the tools and techniques necessary in appraising the extent to which physical-education objectives are achieved. Admission to the TEP required.

KNES 421 - The Curriculum in Health
3 credit hours
Analysis of basic principles, techniques, and methods of curriculum development for school health instruction. Emphasis on selection of subject matter, scope and sequence, and various curriculum designs, as well as teaching strategies, in a comprehensive school health curriculum.

KNES 422 - The School Health Program
3 credit hours
Correlation and integration of health instruction with the total seven other components of the school program will be reviewed. Advances and recent developments in the field of health will also be explored.

KNES 430 - Methods of Teaching Physical Education in the Middle and Secondary Schools
3 credit hours
Designed for students majoring in Kinesiology and preparing to teach physical education in the middle and secondary schools. Field-based for 10 weeks. Admission to the TEP required.

KNES 440 - Seminar in Health, Physical Education, and Recreation
3 credit hours
Study of developments in the field of education, with particular emphasis on health and physical education. Current issues will be researched with special attention to the application to research.

KNES 465 - Community Nutrition I Supervised Practice
3 credit hours
The community nutrition supervised practice rotation is designed to offer experiential training in the area of community nutrition to students in the Coordinated Program. Students will work under the direction of a community Registered Dietitian in the Shelby County Health Department and participate in the delivery of nutrition services to the community. The course includes 200 hours of specified work experience at the assigned internship site. Admittance into the Coordinated Program in Dietetics required.

KNES 466 - Community Nutrition II Supervised Practice
3 credit hours
The community nutrition supervised practice rotation is designed to offer experiential training in the area of commu-
Courses of Instruction

nity nutrition to students in the Coordinated Program. Students will work under the direction of a community Registered Dietitian in the Shelby County Health Department and participate in the delivery of nutrition services to the community. The course includes 200 hours of specified work experience at the assigned internship site. Admittance into the Coordinated Program in Dietetics required.

KNES 467 - Foodservice Management I Supervised Practice
3 credit hours
The food service supervised practice rotation is designed to offer experiential training in the area of food service to students in the Coordinated Program. Students will work under the direction of a Registered Dietitian in the Shelby County school system. Each week during the semester, students will spend approximately 16 hours per week at the assigned school. The course includes 200 total hours of specified work experience at the assigned internship site. Prerequisite(s): Admittance into the Coordinated Program in Dietetics.

KNES 468 - Foodservice Management II Supervised Practice
3 credit hours
The food service supervised practice rotation is designed to offer experiential training in the area of food service to students in the Coordinated Program. Students will work under the direction of a Registered Dietitian in the Shelby County school system. Each week during the semester, students will spend approximately 16 hours per week at the assigned school. The course includes 200 total hours of specified work experience at the assigned internship site. Admittance into the Coordinated Program in Dietetics required.

KNES 469 - Clinical Nutrition I Supervised Practice
3 credit hours
The clinical nutrition supervised practice rotation is designed to offer experiential training in the area of clinical nutrition to students in the Coordinated Program. Students will work under the direction of a Registered Dietitian at the Shelby Medical Center and the Shelby Ridge Rehab Select long-term care facility. The course includes 200 hours of specified work experience at the assigned internship site. Admittance to the Nutrition and Wellness Coordinated Program in Dietetics required.

KNES 470 - Clinical Nutrition II Supervised Practice
3 credit hours
The clinical nutrition supervised practice rotation is designed to offer experiential training in the area of clinical nutrition to students in the Coordinated Program. Students will work under the direction of a Registered Dietitian at the Shelby Medical Center and the Shelby Ridge Rehab Select long-term care facility. The course includes 200 hours of specified work experience at the assigned internship site. Admittance to the Nutrition and Wellness Coordinated Program in Dietetics required.

KNES 471 - Applied Research in Food Science
3 credit hours
Factors affecting the functions of various ingredients in foods, including portions, temperatures, preparation techniques, utensil selection, and ingredient substitutions. Students use food-science knowledge to plan, conduct, and report about an individual experiment. Prerequisite(s): FCS 170.

KNES 472 - Adapted Physical Education
3 credit hours
Content, organization, conduct, and application of activities designed for individuals with permanent or temporary physical limitations. Restricted to Kinesiology majors only, and junior or senior standing. Prerequisite(s): KNES 211.

KNES 473 - Human Nutrition and Metabolism I
3 credit hours
KNES 473 is the first of a two-semester sequence of courses that addresses the integration of physiological, biochemical, and chemical principles in an in depth study of human nutrition and intermediary metabolism of carbohydrates, fats, proteins, and nucleic acids. Prerequisite(s): BIO 341 and 342.

KNES 474 - Human Nutrition and Metabolism II
3 credit hours
KNES 474 is the second of a two-semester sequence of courses that addresses the integration of physiological, biochemical, and chemical principles in an in-depth study of human nutrition and intermediary metabolism of vitamins and minerals. In addition, this course focuses on advanced concepts related to fluid and electrolyte balance and the interrelationships between the regulation of macronutrient metabolism and energy balance in both health and disease. Prerequisite(s): BIO 341 and 342 and KNES 473 with a minimum grade of C, and KNES 380.

KNES 480 - Workshop in Health, Safety, and Physical Activity for the Elementary School Teacher
1 credit hour
The course explores health, safety, and physical activity concepts and skill-development strategies that are appropriate for the K-6 classroom. Prerequisite(s): ED 410.

KNES 482 - Organization and Administration of Physical Education
2 credit hours
Problems and issues involved in the organization and administration of physical-education programs in elementary and secondary schools. Kinesiology majors only.

KNES 483 - Nutrition Care Process I
3 credit hours
Foundations of client interviewing and counseling, methods of education, health behavior concepts, nutrition assessment, documentation techniques, medical terminology, weight management, eating disorders, fluid and electrolyte balance, diabetes, and tube feeding. Prerequisite(s): BIO 341 and 342.

KNES 484 - Nutrition Care Process II
3 credit hours
Application of clinical nutrition foundations to disease systems; case-study approach to medical nutrition therapy. Prerequisite(s): KNES 482.
KNES 485 - Life Cycle and Community Nutrition  
3 credit hours  
Human nutrition needs from conception through old age; emphasis on nutrition services and resources available in a community for individuals of all ages. Prerequisite(s): FCS 281 or equivalent.

KNES 489 - Methods of Teaching Physical Education in the Elementary School  
3 credit hours  
Emphasis on planning, organization, and management strategies, as well as instructional strategies. Course is field-based for 10 weeks at an elementary school. Admission to the TEP required.

KNES 490 - Health Promotion Internship  
3-12 credit hours  
Fall and Spring Semesters and Summer Sessions. Consent of instructor required.

KNES 493 - Practicum in Nutrition and Wellness  
3 credit hours  
Application of nutrition and wellness foundations to the professional practice setting through the pre-internship practicum. Emphasis on the steps of the nutrition care process. Prerequisite(s) with concurrency allowed: KNES 484.

KNES 494 - Exercise and Wellness for Senior Adults  
3 credit hours  
This course is designed to provide Health Promotion majors with the knowledge and skills to develop and implement appropriate exercise and wellness programs for senior adults. The students will develop knowledge related to the physical, mental, psychological, and social factors that influence the exercise and wellness habits of senior adults. In addition, the students will gain valuable experience in working with senior adults through field experiences in a variety of settings. Junior or senior standing required. Prerequisite(s): KNES 211.

KNES 495 - Directed Reading and Independent Study  
1-3 credit hours  
This course can be repeated two times for up to 6 hours credit with Program Coordinator approval. Consent of instructor required.

KNES 496 - Strength and Conditioning  
3 credit hours  
This course will provide Health Promotion students with an in-depth study of the latest strength training and conditioning techniques endorsed by the National Strength and Conditioning Association. The course will include the study of current research related to strength and conditioning and will focus on scientific principles, concepts, and strength training and conditioning techniques. In addition, the course will prepare Health Promotion students to develop safe, effective, and appropriate strength training and conditioning programs for clients in the world of practice. This course will be linked to a strength and conditioning certification, which the students can earn by applying for the certification test, paying for the certification test, and passing the test. Junior or senior standing required. Prerequisite(s): BIO 342.

KNES 497 - Pharmacology  
3 credit hours  
This course will provide the Health Promotion candidate with an in-depth study of the effects of commonly prescribed medications on exercise performance. The interaction of medications and nutritional choices will also be studied. This course will provide valuable and potentially lifesaving information for the Health Promotion candidate who is working with clients in fitness and/or exercise settings, including personal training, physical therapy, and recreational settings. Junior or senior standing required. Prerequisite(s): BIO 342.

KNES 498 - Sports/Fitness Management  
3 credit hours  
Course will provide the general knowledge and basic managerial skills needed in implementing/directing a multi-faceted fitness program. Health-promotion majors only.

KNES 499 - Health-Fitness Program Design  
3 credit hours  
Making appropriate decisions in the world of practice; assessment of health-fitness; application of science of physical training to appropriate program design; leadership of variety of exercise sessions serving different skill levels.

Latin  
College of Arts & Sciences

LAT 101 - Introductory Latin I  
3 credit hours  
Essential elements of Latin grammar and vocabulary, including pronunciation and syntax. Introduction to Roman culture and Latin derivatives in English vocabulary.

LAT 102 - Introductory Latin II  
3 credit hours  
Essential elements of Latin grammar and vocabulary. Roman culture and Latin derivatives in English vocabulary.

Management  
Michael E. Stephens College of Business

MG 305 - Business Professional Development  
3 credit hours  
Principles and practice of business professional development. Includes business communications, career assessment and research, résumés, application letters, interviews, and career advancement strategies. Junior standing required.

MG 308 - Business and Society  
3 credit hours  
Interaction of domestic and global business with its stakeholders. Emphasis on corporate social responsibility and business ethics. Junior standing required.

MG 361 - Principles of Management and Organization Theory  
3 credit hours
Courses of Instruction

A study of the role managers play in creating and maintaining complex organizations. Organization theory and behavior are explored in the context of changing technology, a diversified work force, social and political/legal environments and the internationalization of the economy. Focus on the planning, organizing, decision-making, directing, and controlling functions of management. Sophomore standing required.

**MG 371 - Nonprofit Organizations**  
3 credit hours  
An overview course that introduces students to the nonprofit sector in terms of its scope and structure, examines organization and management principles relevant to nonprofits with particular attention to differences from for-profit organizations, and explores career opportunities and paths in the nonprofit sector via use of guest speakers and projects. (Cross-listed with NPS 371.)

**MG 400 - Globalization: National and International Issues**  
3 credit hours  
Review of contemporary globalization process and its economic, social, and political ramifications. The course focuses on consequences of the increasing international flows of goods, services, information, and people, and studies their interdependence and co-influence. Junior standing required. Prerequisite(s): MG 361.

**MG 420 - Social Entrepreneurship and Sustainability**  
3 credit hours  
Social entrepreneurship is a rapidly developing and changing business field in which business and nonprofit leaders design, grow, and lead mission-driven enterprises. As the traditional lines blur between nonprofit enterprises, government, and business, it is critical that business students understand the opportunities and challenges in this new landscape. Through guest speakers, case discussion, lecture, and student presentations this course will explore this emerging field. Students will be expected to develop a business plan for a social enterprise. Because the field of social entrepreneurship is interdisciplinary and in its infancy, the course will be introductory in nature and will draw heavily from cases, speaker experience, and student inquiry. (Cross-listed with NPS 420.)

**MG 460 - Special Topics in Management**  
3 credit hours  
Study of a selected topic in management. Prerequisite(s): MG 361 and consent of instructor.

**MG 462 - Human Resource Management**  
3 credit hours  
Recruitment, selection, development, and utilization of employees in an organization, with emphasis on the strategic importance of managing an organization's human resources. Junior standing required.

**MG 464 - Leadership and Organizational Change**  
3 credit hours  
An examination of the leadership role, with emphasis toward understanding that role in the various approaches to organizational change and its importance in overcoming resistance to change in organizations. Prerequisite(s): MG 361.

**MG 465 - International Management**  
3 credit hours  
Managing international organizations. Emphasis on strategic decisions, necessary business activities, and the cultural considerations of international operations. Junior standing required.

**MG 466 - Entrepreneurial Leadership**  
3 credit hours  
The art, skill, and structure of small business management. Focus on starting, forming, and financing a new business, creating a business plan, assessment, managing a growing concern, succession planning, growth and harvest strategies. Prerequisite(s): AC 222, MG 361, and MK 351.

**MG 467 - Organizational Behavior**  
3 credit hours  
A critical examination of human behavior theory as it relates to the management of individuals and groups in organizations. An investigation of such behavioral functions as motivation, leadership, conflict management, and stress. Prerequisite(s): MG 361.

**MG 469 - Business Policy**  
3 credit hours  
Strategic management in domestic and international organizations. An integrative, capstone course using case studies to analyze business problems. Business majors only with senior standing and completion of, or concurrent registration with, all remaining business core classes.

**MG 476 - Applied Research in Management**  
3 credit hours  
Introduction to the relationship between practice and research, and the role of the practicing professional in research. Students develop the skills and insights to critically review research reports, discuss issues related to business research, and carry out a research study. Emphasis on the application of research to improve outcomes for management decisions. Course may be repeated for 6 total credit hours. Open to management majors who have senior standing and at least an additional 6 hours of upper-level management courses.

Management Information Systems  
*Michael E. Stephens College of Business*

**MIS 161 - Introduction to Computers**  
3 credit hours  
General Education Course  
An up-to-date coverage of computers, application software, and their uses with an emphasis on personal computers, their operating systems and application software, such as word processing and spreadsheeting.

**MIS 267 - Web Design and Publishing**  
3 credit hours  
The study of web design, concepts, and techniques. The course covers the essential concepts of HTML, XHTML,
MIS 310 - Computerized Data Analysis
3 credit hours
Advanced elements of electronic spreadsheets and proper usage of their commands, macros, and functions. Building spreadsheets, creating graphs and formulas for financial analysis and other business applications. Prerequisite(s): MIS 161. (Cross-listed with AC 310).

MIS 330 - Survey of Programming Languages
3 credit hours
Structured programming concepts and current program development principles and practices are covered. Includes algorithm design strategies, survey of programming environment, and basic data structures representation and algorithms. Hands-on programming using microcomputers. Prerequisite(s): MIS 161.

MIS 350 - Business Programming
3 credit hours
Introduction to the design of algorithms and their implementation in Visual Basic. Covers basic and advanced programming concepts and structures, including file processing and data representation. Prerequisite(s): MIS 161.

MIS 367 - Management Information Systems
3 credit hours
Review of information systems applications in business environment. The course provides knowledge on MIS technology, including review of hardware and software, types of information systems, database management, networking, security, and internet technology. The course also outlines main concepts of systems analysis, design, and development. Includes hands-on experience in developing business applications. Sophomore standing required. Prerequisite(s): MIS 161.

MIS 370 - Internet Applications
3 credit hours
Advanced Internet application course covers the fundamentals of entry-level web programming and business website management, including multimedia web publishing, creating interactive web pages, and other advanced web applications. Includes hands-on experience with scripting languages for web programming. Prerequisite(s): MIS 267.

MIS 410 - Database Management
3 credit hours
Introduces students to database concepts including hierarchical, network, and relational database organizations, database planning including normalization of relations, database design, functions of database management systems, and database administration. Includes analysis of database functions in business information storage and retrieval. Prerequisite(s): MIS 161 and MIS 367.

MIS 420 - Telecommunications and Networking
3 credit hours
Familiarizes students with telecommunications and networking technologies and analyzing their impact on business environment. Covers basics in LAN/WAN systems and current PC and mainframe operating systems. Prerequisite(s): MIS 161.

MIS 430 - E-Commerce
3 credit hours
Principles and modern trends in electronic commerce. Gives hands-on experience in designing and developing internet-based business applications. Covers advanced features for building an electronic commerce store and maintaining successful business web presence, and the impact of current communication technologies on software development, the business and social environments. Prerequisite(s): MIS 161 and 267.

MIS 450 - Systems Analysis and Design
3 credit hours
Introduces structured design processes for use in the development and implementation of business information systems. Includes systems life cycle and rapid application development methodologies in systems design and development. Using productivity tools students employ systems analysis and design in designing and implementing a business information system. Prerequisite(s): MIS 367.

MIS 460 - Selected Topics in Management Information Systems
3 credit hours
Readings, lectures, and discussions on subject matter so current that it is not generally included in other course offerings. Offered on an irregular basis, based on student needs and interests. Senior standing required.

MIS 476 - Applied Research in Management Information Systems
3 credit hours
Includes student research project as a course component, whereby students find, compile, and analyze data. Course may be repeated for a total of 6 credit hours.

Marine Science
College of Arts & Sciences

MSCI 300 - Marine Biology
4 credit hours
A general survey of marine plants, invertebrates and vertebrates, the communities they form, and the physical and chemical factors that influence them. Field trips to the marsh, seagrass and dune habitats, and sampling from research vessels and laboratory exercises serve to introduce students to the diversity of marine habitats and organisms. This is an introductory course and not intended to be taken by students with more than 4 semester hours of marine coursework completed. Prerequisite(s): BIO 105 or 107, and 106.

MSCI 305 - Biology and Conservation of Marine Turtles
2 credit hours
This introductory course will provide an overview of the biology and conservation of marine turtles. Students will obtain a detailed knowledge of sea turtle biology and will gain an understanding of why many sea turtle species have
Marine Con 107, 106.

MSCI 315 - Shark Biology
2 credit hours
This course will provide an introduction to the biology of sharks and rays, with special emphasis on regional shark fauna and field techniques. Topics to be covered include chondrichthyan origin, systematics, sensory biology, locomotion, food consumption, osmoregulation, reproductive biology, life history, ecology, fisheries, and conservation. Lectures will be supplemented with discussions of papers from the primary literature to familiarize students with current research; in addition, longline and gillnet sampling will provide students with first-hand knowledge of field techniques and local shark identification. Prerequisite(s): One course in general/organismal biology (or equivalent).

MSCI 320 - Horseshoe Crabs
2 credit hours
Course involves travel to Delaware Bay, home of the largest population of horseshoe crabs (Limulus polyphemus) in the world. Students will gain and apply information on recent conflicts in horseshoe crab research and fishery management to explore political, ecological, and economic values of marine resources, options for management, conservation and outreach, conflict resolution, and applied ecology. Special fees apply and will be determined based on student enrollment in the course.

MSCI 400 - Marine Vertebrate Zoology
4 credit hours
A survey of marine fishes, reptiles, and mammals, with an in-depth, comprehensive treatment of their systematics, zoogeography, and ecology. Prerequisite(s): BIO 105 or 107, and 106.

MSCI 404 - Marine Conservation Biology
4 credit hours
This course is designed to develop the student's understanding of conservation biology by building on the foundations provided in the introductory marine ecology class or a general ecology class. Prerequisite(s): MSCI 470 or BIO 205.

MSCI 405 - Dolphins and Whales
2 credit hours
Lectures, audiovisual presentations, and practical exercises are used to study the classification, anatomy, and ecology of the cetaceans. Students may not take this course for credit after completing MSCI 415. Prerequisite(s): BIO 105 or 107, and 106.

MSCI 407 - GIS Basics for Coastal and Marine Environments
2 credit hours
An introduction to basic concepts and uses of GIS technology in the coastal and marine environment. This is an introductory course and is not recommended for someone who has experience working with GIS or who has taken an introductory GIS course. Prerequisite(s): Computer Applications course.

MSCI 408 - GIS Applications for Coastal and Marine Environments
2 credit hours
An introduction to a variety of applications of GIS technology in the coastal and marine environment. Prerequisite(s): MSCI 407.

MSCI 410 - Marine Invertebrate Zoology
4 credit hours
Natural history, systematics, and morphology of marine invertebrates from the Gulf of Mexico. Participation in extended field trips is required. Prerequisite(s): BIO 106.

MSCI 412 - Marine Aquaculture
2 credit hours
Introduction to techniques in marine aquaculture with emphasis on nutrition and feeding, reproductive biology, water-quality requirements, and production, processing, marketing, and economics of marine aquaculture species. Courses in ichthyology, limnology, and invertebrate zoology are suggested but not required. Prerequisite(s): BIO 105 or 107, and 106.

MSCI 415 - Marine Mammals
4 credit hours
Long ago many terrestrial mammals evolved adaptations allowing them to move toward either a full or partial marine existence. These included cetaceans (toothed and baleen whales), pinnipeds (seals, sea lions, and walrus), sirenians (dugongs and manatees), sea otters, and the polar bear. In this course students will learn about the evolution, classification, anatomy, physiology, and behavior of these species, in addition to conservation/management issues affecting them and current methods used to research them. Students may not take this course for credit after completing MSCI 405. Prerequisite(s): BIO 105 or 107, and 106.

MSCI 420 - Coastal Ornithology
4 credit hours
Ecology, taxonomy, and distribution of coastal and pelagic birds. Prerequisite(s): BIO 106 and/or BIO 205.

MSCI 421 - Coastal Birds of Alabama
2 credit hours
This course is an introductory-level course on the coastal avian fauna with an emphasis on nesting sites and nesting behavior. This course includes the identification, population dynamics, and behavior of coastal birds. Lectures emphasize functional ecology, specifically nesting biology of numerous species found along Alabama's coastal region. Topics include migration, mechanics of flight, breeding biology, and foraging. This course is a field-based course with an emphasis on breeding biology and behavior and introduction to bird identification. Prerequisite(s): A course in...
undergraduate biology or ecology.

MSCI 425 - Commercial Marine Fisheries of Alabama
2 credit hours
Exploitation and biology of commercial vertebrates and invertebrates of Alabama and the adjoining Gulf of Mexico, with emphasis on distribution, harvesting technology, processing, and economic values. Includes visits to local processing plants and a trawling expedition aboard a research vessel.

MSCI 430 - Marine Botany
4 credit hours
A general survey of marine algae (microscopic and macroscopic), as well as salt marsh vegetation, mangroves, seagrass, and maritime forest communities. Lectures emphasize identification, distribution, structure, ecology, and physiology. Extensive overnight field and laboratory work involved, including the ability to wade and snorkel. This course is intensive. Prerequisite(s): BIO 105 or 107, and 106.

MSCI 445 - Introduction to Oceanography
4 credit hours
Biological, chemical, geological, and physical viewpoints of the sea. Includes lecture and laboratory. Restricted to basic science majors.

MSCI 447 - Oceanology of the Gulf of Mexico
3 credit hours
A descriptive study of the oceanology of the Gulf of Mexico and adjacent waters, including coastal zone, continental shelf, and deep ocean. This course provides a survey of the physics, chemistry, biology, geology, and meteorology of the continental margins and deep ocean regions in the Gulf of Mexico and adjacent waters. Restricted to science majors or consent of instructor required.

MSCI 451 - Coastal Climatology
2 credit hours
A study of the controlling factors and features of the world’s climates, with particular attention to coastal areas, and application and interpretation of climate data.

MSCI 460 - Marine Geology
4 credit hours
A study of the geology of the ocean basins, with special emphasis on the continental shelves, their sediments, and the sedimentary processes at work there. Emphasis on the northeast Gulf of Mexico. Prerequisite(s): Introductory Geology. Statistics recommended.

MSCI 468 - Marine Behavioral Ecology
4 credit hours
Introduction to principles of animal behavior as applied to marine organisms. Students will relate the evolutionary significance of these behaviors, learn techniques for observing animal behavior, and design and conduct behavioral experiments. Prerequisite(s): BIO 106. MATH 147 is recommended.

MSCI 469 - Coral Reef Ecology
4 credit hours
This course will examine the ecology and evolution of coral reef communities, seagrass beds, and mangrove swamps. Current issues, including degradation of reefs by macroalgae, hurricanes, coral bleaching, diseases of corals and sea urchins, overfishing, and pollution, will be examined critically through reading the primary literature. Students will participate in lectures and laboratory exercises at the Dauphin Island Sea Lab, and they will take a field trip to the Island School on Eleuthera Island, Bahamas. A current passport is required for travel. Special fees apply and will be posted on the web at: www.disl.org. Prerequisite(s): A course in ecology.

MSCI 470 - Marine Ecology
4 credit hours
Study of marine organisms as they interact with each other and their environment, to include examination of theories and the experimental basis of current knowledge. This is an advanced course open to juniors, seniors, and graduate students. Prerequisite(s): BIO 105 or 107, and 106.

MSCI 475 - Coastal Wetlands Ecology
4 credit hours
This course will focus on coastal and near shore wetland areas, with an emphasis on the biogeochemical processes that occur within, as well as issues that threaten and protect these important resources. Wetlands not only provide critical habitat for many aquatic and semi-aquatic species, they are also important for primary productivity, transformation of nutrients, pollutant removal, as well as provide protection from storm surges and floodwaters. Insight into wetland ecology requires understanding of the unique interactions between biology, chemistry, and hydrology. Prerequisite(s): BIO 105 (or 107), 106, and 205.

MSCI 476 - Marine Fish Diseases
3 credit hours
This course will introduce students to aquatic animal diseases, specifically finfish and shellfish. Students will learn practical microbiological techniques for isolation and identification. Prerequisite(s): BIO 105 or 107, and 106. BIO 300 is recommended.

MSCI 477 - Marine Protozoology
2 credit hours
This course will teach students the major groups of protists from a variety of marine habitats, including their taxonomy, structure, ecology, and methods of studying. The emphasis will be on live material from the Gulf, from salt marsh benthos and sand, from microscopic communities on solid substrates, and from other organisms. Prerequisite(s): BIO 105 or 107, and 106. BIO 380 is recommended.

MSCI 480 - Marine Technical Methods
2 credit hours
Instruments and procedures used aboard a marine research vessel, including physical, biological, chemical, and geological parameter measurements and sample collection.

MSCI 484 - Coastal Zone Management
2 credit hours
Ecological features and physical management policies for coastal communities, with a description of federal and state programs.
Courses of Instruction

MSCI 485 - Research on Special Topics
2-6 credit hours
Enrollment by special arrangement in any of the course areas offered by the laboratory, subject to the availability of the appropriate staff member.

MSCI 486 - Coastal Geomorphology
2 credit hours
Coastal shapes and landforms and their functions.

MSCI 489 - Introduction to Neurobiology
4 credit hours
Students will be introduced to the neuroanatomy and neurophysiology of marine invertebrates and vertebrates. Prerequisite(s): BIO 105 or 107, and 106, BIO 342, CHEM 121 and 122, and PHYS 201 and 202 or consent of instructor are recommended.

MSCI 490 - Seminar
1 credit hour
Current research, scientific progress, and problems in the marine environment. Students are not required to enroll in seminar, but must attend to qualify for credit in any other Marine Science course.

Marketing
Michael E. Stephens College of Business

MK 351 - Principles of Marketing
3 credit hours
Description and analysis of institutions and operations needed to create and coordinate market transactions involving consumers, commerce, industry, and government. Sophomore standing required.

MK 352 - Professional Selling
3 credit hours
Interpersonal persuasive communication processes and methods explored through lectures, discussions, and individual sales presentations. Includes selected sales-force management topics. Junior standing required.

MK 353 - Marketing Communications
3 credit hours
A focus on the strategies that are utilized in order to promote a firm's product and/or service offerings. Attention is given to advertising, publicity, sales promotions, and personal selling; additionally, how firms utilize information technologies in their promotional activities will be considered. Junior standing required. Prerequisite(s): MK 351.

MK 450 - Services Marketing
3 credit hours
Examination of the opportunities and difficulties faced by service organizations such as financial institutions, consulting firms, healthcare organizations, etc. Junior standing required. Prerequisite(s): MK 351.

MK 452 - Strategic Marketing Management
3 credit hours
As the capstone offering in Marketing, this course combines knowledge of the various marketing activities as they relate to the managerial functions of planning, organizing, and controlling the marketing effort with the strategic activity of building and sustaining a competitive advantage for the firm. Junior standing required. Prerequisite(s): MK 351.

MK 453 - Marketing Research
3 credit hours
Research tools and techniques needed to gather, distill, and analyze marketing information. Junior standing required. Prerequisite(s): MK 351.

MK 455 - Special Topics in Marketing
3 credit hours
Study of selected topics in marketing. This course may be repeated as topic varies. A maximum of six credit hours may be counted toward a degree. Junior standing, and consent of instructor required. Prerequisite(s): MK 351.

MK 458 - International Marketing
3 credit hours
Managerial and operational problems of the multinational business. Emphasis on environmental differences that influence marketing strategy. Junior standing required. Prerequisite(s): MK 351.

MK 476 - Applied Research in Marketing
3 credit hours
Faculty work with students to develop and conduct research designed to explore practical problems in marketing. Course may be repeated for a total of 6 credit hours. Junior standing required. Prerequisite(s): MK 351.

Mass Communication
College of Fine Arts

MC 100 - Introduction to Mass Media
3 credit hours
This course examines the evolution of mass media and their influence on our society throughout the Modern and Post-Modern Eras. Ranging from books to the Internet and everything in between, this introductory course provides a broad understanding of print and broadcast media and online convergence. This course also introduces students to processes of mass communication, related theories, and media effects. Offered during the Fall and Spring semesters.

MC 200 - Introduction to Mass Media Writing
3 credit hours
This introductory class is designed to teach the basics of journalism with an emphasis on developing and improving writing and professional skills for print, online, and broadcast. Offered during the Fall and Spring Semesters.

MC 210 - Introduction to Media Production
3 credit hours
Students will use the computer tools for photography, video, and audio production. Students apply these fundamentals by participating in hands-on group projects. Offered during the Fall and Spring Semesters.

MC 215 - Producing Video in the Studio
3 credit hours
Courses of Instruction

Principles and practices of television production in a studio environment. Offered during the Fall and Spring Semesters.

MC 255 - Media Writing Fundamentals
3 credit hours
Emphasis on writing commercials and public-service announcements for radio and television. Offered during the Fall and Spring Semesters.

MC 265 - Broadcast News Writing
3 credit hours
This course focuses on writing for broadcast news outlets. The primary focus is on television news, but the course also covers radio news writing. Students will also explore tease writing and social-media writing skills.

MC 300 - Advanced Journalism Practices
3 credit hours
Practical approaches to print journalism, including covering a beat, developing sources, news writing, and editing. Introduction to layout and design for newspapers. Prerequisite(s): A grade of C or better in MC 200.

MC 310 - Publication Layout and Design
3 credit hours
In-depth layout and design for newspapers, magazines, brochures, and other publications using desktop-publishing software.

MC 315 - Video Field and Post Production
3 credit hours
This course is designed to further develop the skills and knowledge of electronic field production for video, concentrating on the areas of scripting, producing, and directing for location videography, including lighting techniques and audio recording, and the post-production process including basic Photoshop® and video editing. Offered during the Fall and Spring Semesters. Prerequisite(s): A grade of C or better in MC 210.

MC 320 - Multimedia Videojournalism
3 credit hours
Students will learn the fundamentals of videography for television and online news. Additionally, students will learn on-camera interviewing techniques. Class projects will include shooting, writing, and editing news stories for use on Montevallo's weekly campus newscast. This course does not require students to appear on camera. Offered during the Spring Semester. Prerequisite(s): MC 315 and a grade of C or better in MC 210.

MC 325 - Survey of American Cinema
3 credit hours
General Education Course
A study of American cinema, examining its impact, techniques, theories, and style. Includes regular screening of movies.

MC 327 - Electronic Photojournalism
3 credit hours
Students will learn multimedia storytelling techniques for television and online reporting. Course emphasizes writing, videojournalism, and interviewing skills. Students will produce news packages for use on various television shows produced on campus. This course requires students to be on camera. Prerequisite(s): A grade of C or better in MC 210 and MC 265.

MC 333 - Television Newscast Production
4 credit hours
Students will work as producers, anchors, and reporters to create a weekly newscast. The course emphasizes news judgment, time management, story and tease writing, newscast producing techniques, anchoring and on-camera performance, and social-media management. Prerequisite(s): A grade of C or better in MC 265.

MC 355 - Advanced Media Writing
3 credit hours
Advanced writing skills, including character, plot development, visualization, action and dialog for television scripts. Prerequisite(s): MC 255.

MC 357 - Special Topics in Public Relations
3 credit hours
Varied topics in the field related to public relations agency work. May be repeated for credit as topics vary.

MC 360 - Mass Communication Theory and Media Effects
3 credit hours
An exploration of the prevailing mass-communication theories and media-effects research. Offered during the Fall and Spring Semesters.

MC 370 - DVD and Video Graphic Design
3 credit hours
Theoretical and practical instruction in DVD design and video graphic techniques. Prerequisite(s): MC 215 or 310 or ART 122.

MC 375 - Strategies for Video in Social Media
3 credit hours
Strategies for Video in Social Media explores techniques for effectively using Internet-based video to promote products or causes in a professional setting, either as an entrepreneur or for a client. Analytics, social-media applications, and mobile video will be discussed and techniques to increase a video's reach applied. Students will demonstrate mastery of material by applying Web-based social and technical video techniques to a variety of video projects. Class members will develop a plan to increase a video's impact, apply the plan, and analyze the results.

MC 390 - Multimedia Website Creation
3 credit hours
Theoretical and practical instruction in use of multimedia website programs to create effective websites. Prerequisite(s): MC 100.

MC 400 - Special Topics in Journalism
3 credit hours
Varied topics in the field, offered on a one-time basis. May be repeated for credit as topics vary.

MC 411 - Video Engineering
3 credit hours
Theoretical and practical application of analog and digital
Courses of Instruction

video engineering principles in a broadcast environment, including work as technical crew for weekly newscasts. Offered during the Fall and Spring Semesters. Prerequisite(s): A grade of C or better in MC 215.

MC 412 - Audio Engineering
3 credit hours
Aesthetic and technical considerations for analog and digital multi-track recording, mixing, and sound reinforcement. Offered during the Fall Semester. Prerequisite(s): MC 315.

MC 415 - Advanced Video Post Production
3 credit hours
Philosophy and technical considerations in software-based, non-linear video editing. Offered during the Fall and Spring Semesters. Restricted to junior or senior MC majors. Prerequisite(s): MC 315.

MC 425 - Documentary Production
3 credit hours
Individual projects (documentary, dramatic, animation, etc.) completed under faculty supervision. Prerequisite(s): MC 415.

MC 433 - Advanced TV Newcast Production
4 credit hours
Students selected for this course will gain experience as the Executive Producer of the weekly campus newscast. Students will not only gain advanced experience producing a newscast, but they will also gain managerial experience as they oversee the operations of the news team on days when the newscast is produced. Consent of instructor required. Prerequisite(s): MC 333.

MC 450 - Seminar in Mass Communications
3 credit hours
Special offerings on topics not covered in the regular curriculum. May be repeated for credit as topics vary.

MC 452 - Public Relations Writing
3 credit hours
This course for advanced writing students focuses on public-relations writing - how to write news releases, videos, online material, fact sheets, positions papers and so forth. It includes preparation of stories for the departmental newsletter, The Brick Street Journal. Prerequisite(s): MC 310 and a grade of C or better in MC 200.

MC 453 - Advanced Journalism Practicum
3 credit hours
Practical experience in the production of the semimonthly campus newspaper.

MC 455 - Media Law
3 credit hours
Examination of laws affecting the broadcast, cable, and print media. Offered during the Fall and Spring semesters.

MC 456 - Nonfiction Freelance Writing
3 credit hours
This course will teach students how to produce and market stories to magazines and newspapers as a freelancer. Restricted to junior and senior COMS and MC majors. Prerequisite(s): MC 200 and 300.

MC 460 - Media Management
3 credit hours
Management and motivational theories applied to print, broadcast, and cable industries. Offered during the Fall and Spring semesters.

MC 475 - Internship
1-6 credit hours
Practical experience in a professional environment. May be repeated for a total of 6 credit hours on a pass/fail basis. Open to juniors and seniors only with departmental consent. Applications, including requirements, are available in departmental office.

MC 491 - Directed Study
1-3 credit hours
Supervised, independent directed study in media related area. Faculty adviser must approve research topic the semester prior to registration.

MC 494 - Location Production
3 credit hours
Theoretical and practical instruction in the techniques of advanced video production. Teamwork aspects of location production are emphasized. Prerequisite(s): MC 315.

MC 495 - Broadcast Production Capstone
1 credit hour
Preparation of an advanced media project and e-portfolio for Broadcast Production concentration majors. Detailed critical analysis required for portfolio. Topics and guidelines for media project must be approved by faculty adviser the semester prior to registration. Offered during the Fall and Spring Semesters. Restricted to senior Broadcast Production concentration students in their last 30 hours of study. Prerequisite(s): MC 415.

MC 499 - Multimedia Journalism Capstone
3 credit hours
This capstone course gives student reporters practical hands-on experience creating stories for print, television, and the Internet. In addition to mastering journalistic storytelling techniques, students will also be required to create a portfolio of their work to send to potential employers. Prerequisite(s): MC 300 and 327.

Mathematics
College of Arts & Sciences

MATH 131 - Intermediate Algebra
3 credit hours
Fundamental concepts and operations of algebra. For students who do not qualify for regular placement in mathematics. The grade for MATH 131 is reported as A, B, C, or NC (no credit).

MATH 144 - Pre-Calculus Algebra
3 credit hours
General Education Course
The algebra of polynomial, rational, exponential, and logarithmic functions, systems of equations and inequalities, quadratic inequalities, and the binomial theorem. Prerequisite(s): MATH 131 or 147, or Mathematics ACT minimum
MATH 147 - Finite Mathematics
3 credit hours
General Education Course
Topics in finite mathematics and their applications. The course includes sets, counting, permutations, combinations, basic probability (including Baye's Theorem), an introduction to statistics (including work with Binomial and Normal Distributions). Prerequisite(s): MATH 131 or 144, or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 444.

MATH 149 - Pre-Calculus Trigonometry
3 credit hours
General Education Course
Trigonometric functions (circular), inverse trigonometric functions along with identities and trigonometric equations, vectors, complex numbers, DeMoivre’s Theorem, and polar coordinates. Prerequisite(s): MATH 144 or Mathematics ACT minimum subscore of 25, or Mathematics SAT minimum subscore of 555.

MATH 150 - Pre-Calculus Algebra and Trigonometry
4 credit hours
General Education Course
The algebra of polynomial, rational, exponential, and logarithmic functions, systems of equations and inequalities, quadratic inequalities, and the binomial theorem. Trigonometric functions (circular), inverse trigonometric functions along with identities and trigonometric equations, vectors, complex numbers, DeMoivre’s Theorem, and polar coordinates. Prerequisite(s): MATH 131, 144, or 147; or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 444.

MATH 154 - The Nature of Mathematics
3 credit hours
General Education Course
Basic concepts from set theory, logic, geometry, statistics; the fundamental ideas of calculus, and a survey of the development and application of modern mathematics. This course is designed to satisfy the general education requirement in mathematics while providing an overview of the discipline. Prerequisite(s): MATH 131, 144, or 147; or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 444.

MATH 155 - Honors Nature of Mathematics
3 credit hours
General Education Course
Basic concepts from set theory, logic, geometry, statistics, the fundamental ideas of analysis and topology, and a survey of the development and application of modern mathematics. This course is designed to satisfy the general education requirement in mathematics while providing an overview of the discipline. Enrollment in the UM Honors Program required. Prerequisite(s): MATH 131, 144, or 147; or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 444.

MATH 157 - Introduction to Statistics
3 credit hours
General Education Course
Descriptive and inferential statistics, frequency distributions, measures of central tendency and dispersion, probability and sampling, estimation, hypothesis testing, confidence intervals, linear regression, correlation, and design of experiments. Prerequisite(s): MATH 131, 144, 147, 150, 154, or 155; or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 444.

MATH 160 - Basic Mathematics for Elementary Teachers I
3 credit hours
An overview of induction and deduction, sets, numbers, and numeration. Topics include patterns and sequences, counting techniques, sets, relations and functions, logic (implication and validity), numeration (base and place taxation and algorithms), number systems (axioms, rational operations, and modular arithmetic), and measurement. Where appropriate, these topics are applied to problemsolving strategies. This course is intended for Elementary Education majors and is aligned with the Alabama Course of Study-MATHMATICS, but is open to any student meeting the prerequisite. Prerequisite(s): A grade of C or better in MATH 144 and MATH 147.

MATH 162 - Basic Mathematics for Elementary Teachers II
3 credit hours
A continuation of MATH 160. Topics include the real number system (irrational numbers), geometry (geometric shapes, angles, constructions, and measures of length, area, and volume), the metric system, symmetries, descriptive statistics (frequency distributions, measures of central tendency and variation, and normal distributions), and elementary inferential statistics. This course is intended for Elementary Education majors and is aligned with the Alabama Course of Study-MATHMATICS, but is open to any student meeting the prerequisite. Prerequisite(s): A grade of C or better in MATH 160.

MATH 170 - Calculus I
4 credit hours
General Education Course
The study of the limit of a function; the derivative of algebraic, trigonometric, exponential, and logarithmic functions; the definite integral and its basic applications to area problems. Applications of the derivative are covered in detail, including approximations of error using differentials, maximum and minimum problems, and curve sketching using calculus. Prerequisite(s): MATH 149 or 150, or Mathematics ACT minimum subscore of 25, or Mathematics SAT minimum subscore of 555.

MATH 171 - Calculus II
4 credit hours
The study of vectors in the plane and in space, lines and planes in space, applications of integration (such as volume, arc length, work, and average value), techniques of integration, infinite series, polar coordinates, and parametric equations. Prerequisite(s): MATH 170.
MATH 185 - Survey of Mathematics
1 credit hour
This course provides an overview of the nature of mathematics in both a historical and modern context, and its relationship to other disciplines. Students will learn about what mathematicians do and why, and will hear a variety of speakers discuss career opportunities in mathematics and related disciplines. The course is graded pass/fail, and is open to all majors. Prerequisite(s): MATH 144, 147, 149, 150, or 170.

MATH 202 - Mathematics of Games
3 credit hours
Introduction to various mathematics concepts as they apply to games. This will include counting techniques, probability, decision trees, and an introduction to game theory. Prerequisite(s): MATH 144, 147, 149, 150, or 170.

MATH 205 - Introduction to the History of Mathematics
3 credit hours
Introduction to the history of mathematics, from early numeration systems through the beginnings of calculus. Prerequisite(s): MATH 170.

MATH 247 - Introduction to Discrete Mathematics
3 credit hours
Introduction to proof through various topics in discrete mathematics, including the study of sets, logic, valid and invalid arguments, techniques of proof, relations, functions, elementary number theory, and mathematical induction. Prerequisite(s): MATH 170 with a grade of C or better.

MATH 261 - Introduction to Programming and Computer Algebra Systems
3 credit hours
General Education Course
Fundamentals of computing, computer programming in BASIC, Maple V, and other computer algebra systems, internet resources, and the PCTeX typesetting language. Prerequisite(s): MATH 170.

MATH 271 - Sequences, Series, and Indeterminate Forms
3 credit hours
Sequences and series of numbers, functions, along with supporting theory and applications. Topics include convergence tests, Taylor's theorem, L'Hôpital's rule, and an introduction to uniform convergence. Prerequisite(s): MATH 170 and 247.

MATH 272 - Calculus III
4 credit hours
The study of vector functions, functions of two or more variables, partial derivatives (including applications), quadric surfaces, multiple integration, and vector calculus (including Green's Theorem, curl and divergence, surface integrals, and Stoke's Theorem). Prerequisite(s): MATH 171.

MATH 295 - Special Topics
3 credit hours
Topic will be announced prior to registration. Topics vary. Course may be repeated for credit as topic changes. Prerequisite(s): A grade of C or better in MATH 170.

MATH 299 - Independent Study
1-3 credit hours
Independent study in a selected mathematics area to further a student's knowledge and competence in that area. Material to be studied will be determined in consultation with the faculty member supervising the course, the student's advisor, and the department chair. Topics vary. Course may be repeated for credit as topic changes.

MATH 310 - Foundations of Mathematics
3 credit hours
Introduction to abstract mathematical reasoning, including set theory, logic, mathematical analysis, and the structure of the real number system. Prerequisite(s): MATH 247. Prerequisite(s) with concurrency allowed: MATH 272 or consent of instructor.

MATH 330 - Numerical Analysis
3 credit hours
The use of computers to obtain numerical solutions to systems of linear equations, root approximations of other equations, least squares, numerical integration. Prerequisite(s): MATH 261 and MATH 272.

MATH 336 - Mathematical Statistics
3 credit hours
Probability basics, discrete and continuous random variables, multivariate distributions, properties of expectation, laws of large numbers, special distributions, moment generating functions, the Central Limit Theorem, sampling, estimation of parameters, hypothesis testing, nonparametric methods, and linear regression. Prerequisite(s): MATH 171.

MATH 350 - Differential Equations
3 credit hours
Introduction to ordinary differential equations, their solutions and practical applications. Prerequisite(s): MATH 272.

MATH 376 - Complex Analysis
3 credit hours
Representations of complex numbers, complex arithmetic, complex functions of a complex variable, calculus of complex functions, harmonic functions, analytic functions, contour integrals, Cauchy's theorem, and selected topics. Prerequisite(s): MATH 272.

MATH 387 - Advanced Topics in Discrete Mathematics
3 credit hours
Advanced topics in graph theory, including graphs and digraphs, vertex and edge colorings, planar graphs, and Ramsey numbers. Although some of the class will be computational, much of it will be presented in theorem-proof format. Prerequisite(s): MATH 310 or consent of instructor.

MATH 390 - Linear Algebra
3 credit hours
Coordinate systems, vector algebra, linear transformations, solutions of systems of linear equations, and introduction to matrix theory. Prerequisite(s): MATH 272 (may be taken concurrently).
MATH 395 - Special Topics
3 credit hours
Topics will be announced prior to registration. Topics vary. Course may be repeated for credit as topic changes.

MATH 399 - Independent Study
1-3 credit hours
Independent study in a selected mathematics area to further a student's knowledge and competence in that area. Material to be studied will be determined in consultation with the faculty member supervising the course, the student's adviser, and the department chair. Topics vary. Course may be repeated for credit as topic changes.

MATH 400 - Mathematics Colloquium
1 credit hour
Opportunity to engage in mathematics at the professional level, through weekly talks given by UM mathematicians and invited speakers. Topics vary. Course may be repeated for credit as topic changes. Graded pass/fail. Junior standing required. Prerequisite(s): MATH 310.

MATH 495 - Special Topics
3 credit hours
Topic will be announced prior to registration. Topics vary. Course may be repeated for credit as topic changes.

MATH 499 - Independent Study
1-3 credit hours
Independent study in a selected mathematics area to further a student's knowledge and competence in that area. Material to be studied will be determined in consultation with the faculty member supervising the course, the student's adviser, and the department chair. Topics vary. Course may be repeated for credit as topic changes.

Music
College of Fine Arts

MUS 100 - Recital and Concert Attendance
0 credit hours
Music majors are required to attend a prescribed number of campus recitals and concerts each semester. This course is a means of registering this participation. This course is graded satisfactory/unsatisfactory.

MUS 101 - Introduction to Music Education
2 credit hours
This course offers pre-professional music educators an orientation to university resources, the music-education program curriculum, the Teacher Education Program, and the music teaching profession. A field experience may be required. For declared music-education majors and those considering a career in music education.

MUS 111 - Principles of Music Theory I
3 credit hours
Exploration of compositional concepts drawn from the basic properties of sound.

MUS 112 - Music Skills I
1 credit hour
Prepared singing and sight-singing of diatonic music. Includes developing skills in visual-aural analysis. Prerequisite(s) with concurrency allowed: MUS 111.

MUS 113 - Principles of Music Theory II
3 credit hours
Coloristic, textural, rhythmic, melodic, and harmonic aspects of principally diatonic tertiantonal music. Prerequisite(s): MUS 111.

MUS 114 - Music Skills II
1 credit hour
Continued study of prepared and sight-singing of diatonic music. Includes developing skills in visual aural analysis. Prerequisite(s): MUS 111 and 112. Prerequisite(s) with concurrency allowed: MUS 113.

MUS 119 - Acting for Singers
1 credit hour
This course is designed to acquaint singers with the basics of acting for the stage, and offers opportunities to enhance and refine their singing/acting skills through the preparation and performance of classical and/or operatic repertoire. Course may be repeated once, for a total of 2 credit hours. Consent of instructor required.

MUS 121 - Invitation to Listening
3 credit hours
General Education Course
Introduction to the aural art of music. For non majors with no musical training. Includes information and listening routines helpful to understanding a wide spectrum of musical types and styles.
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MUS 122 - Invitation to Listening (Honors)
3 credit hours
General Education Course
Introduction to the aural art of music. For Honors Program students with no musical training. Includes information and listening routines helpful to understanding a wide spectrum of music types and styles. Enrollment in UM Honors Program required.

MUS 125 - American Music Culture
3 credit hours
General Education Course
Selected topics in the musical and cultural history of American music.

MUS 131 - Music in School and Society
2 credit hours
An introduction to the historical, sociological, political, and philosophical foundations of general education and music education in the United States. Local, state, and federal legislation and policies applicable to P-12 schools will be discussed. A field experience may be required. May be repeated once for a total of 4 hours. Prerequisite(s): Successful completion of MUS 101 with a grade of C or better.

MUS 133 - Voice Lab I/English Language Diction
1 credit hour
English diction for singers, including mastery of the International Phonetic Alphabet as the foundation for study. Introduction to English-language vocal literature. Coursework includes written and aural assignments, as well as in-class performances of English-language repertoire.

MUS 134 - Voice Lab II/Italian Language Diction
1 credit hour
Italian diction for singers, including mastery of the International Phonetic Alphabet as the foundation for study. Introduction to Italian-language vocal literature. Coursework includes written and aural assignments, as well as in-class performances of Italian-language repertoire. Prerequisite(s): MUS 133.

MUS 200 - Music Education Forum
0 credit hours
The course provides a weekly forum for sharing information about issues, current developments, and other matters related to music education as a field of study and as a profession. The course is required each semester for all undergraduate music-education majors, except during the semester of the internship. Consent of instructor required. Prerequisite(s): MUS 101 with a grade of C or better.

MUS 201 - Psychology of Music in Education
2 credit hours
Theories of educational psychology in relation to teaching and learning will be examined, particularly within the context of music education. This knowledge will aid in the development of age-appropriate pedagogy. In addition, students will develop strategies for the inclusion of diverse learners in the music classroom, while examining their own personal/cultural biases through reflective discussion and writing. A field experience may be required. May be repeated once for a total of 4 hours. Prerequisite(s): Successful completion of MUS 101 with a grade of C or better.

MUS 211 - Principles of Music Theory III
3 credit hours
General Education Course
Harmonic, melodic, and formal factors in music, with emphasis on chromaticism in 18th-, 19th-, and early-20th-century music. Prerequisite(s): MUS 113.

MUS 212 - Music Skills III
1 credit hour
Intermediate study of prepared and sight-singing of diatonic music. Includes developing skills in visual-aural analysis. Prerequisite(s): MUS 113 and 114. Prerequisite(s) with concurrency allowed: concurrent enrollment in or successful completion of MUS 211.

MUS 213 - Principles of Music Theory IV
3 credit hours
Music form and investigation of 20th-century compositional practice. Prerequisite(s): MUS 211.

MUS 214 - Music Skills IV
1 credit hour
Continued intermediate study of prepared and sight-singing of diatonic music. Includes developing skills in visual-aural analysis. Prerequisite(s): MUS 211 and 212. Prerequisite(s) with concurrency allowed: MUS 213.

MUS 228 - Music Technology
2 credit hours
General Education Course
Introduction to computers, systems, and software, with development of computer skills through considerable "hands-on" experience. Emphasis on computer music notation, sequencing, sampling, and other musical applications. Consent of instructor required.

MUS 230 - Keyboard Harmony and Technique I
1 credit hour
Keyboard harmony and development of technique through the study of scales, arpeggios, cadences, and other common keyboard patterns. Emphasis on enhancing skill in sight-reading, transposing, and harmonization/improvisation. Sophomore standing required as keyboard principal required. Co-requisite(s): MUS 211 and 212.

MUS 232 - Curriculum, Instruction, and Assessment in Music Education
2 credit hours
This course examines the interrelationships among curriculum, instruction, and assessment in the music classroom. Participants will review state and national teaching standards, examine published curricula and instructional materials, and explore techniques for instructional planning and assessment. A field experience may be required. May be repeated once for a total of 4 hours. Prerequisite(s): Successful completion of MUS 101 with a grade of C or better.

MUS 233 - Voice Lab III/German Language Diction
1 credit hour
German diction for singers, including mastery of the International Phonetic Alphabet as the foundation for study. Introduction to German-language vocal literature. Coursework includes written and aural assignments, as well as in-
class performances of German-language repertoire. Prerequisite(s): MUS 133.

MUS 234 - Voice Lab IV/French Language Diction
1 credit hour
French diction for singers, including mastery of the International Phonetic Alphabet as the foundation for study. Introduction to French-language vocal literature. Coursework includes written and aural assignments, as well as in-class performances of French-language repertoire. Prerequisite(s): MUS 133.

MUS 250 - World Music
1 credit hour
MUS 250 is an introduction to the major musical traditions of the world through an exploration of musical performance in various cultures. The performance models are studied in the context of a general description of the society and musical culture from which it originated. Prerequisite(s): MUS 113.

MUS 252 - Music History, Medieval/Renaissance
3 credit hours
Aspects of musical style from the early medieval era through the end of the Renaissance. Attention given to important composers and works of the period. Prerequisite(s): MUS 113.

MUS 255 - School Music for the Elementary Teacher
3 credit hours
General Education Course
Materials and methods to assist the non-musically trained teacher in meeting the needs of music class. Includes experience in singing and reading music, use of classroom instruments, and general appreciation on the adult level, as well as that of the child.

MUS 260 - Single-Reed Methods
1 credit hour
Basic principles and techniques of clarinet and saxophone teaching. Includes selection and care of single-reed instruments, instructional materials and methods, and experience in peer teaching. Consent of instructor required.

MUS 261 - Flute/Double-Reed Methods
1 credit hour
Basic principles and techniques of flute, oboe, and bassoon teaching. Includes selection and care of flute and double-reed instruments, instructional materials and methods, and experience in peer teaching. Consent of instructor required.

MUS 301 - Elementary and General Music Methods
3 credit hours
This course provides methods and materials for pre-professional music educators who will be teaching general music in elementary and/or secondary schools, including basic guitar and recorder techniques, pitched and unpitched percussion techniques, a comparison of pedagogical philosophies and methodologies, a review of resources, curriculum development, classroom management, and field observations. A field experience may be required. Prerequisite(s): Successful completion of MUS 101 with a grade of C or better.

MUS 316 - Marching Band Methods
1 credit hour
An introduction to the organization and instruction of marching bands for the prospective secondary instrumental music educator. Topics include: street and field marching styles and techniques, rehearsal organization, show design, music selection and arranging, drill charting techniques, and the development of auxiliary units. This course requires additional observation and/or practicum experiences in P-12 schools.

MUS 317 - Jazz Improvisation
2 credit hours
This course provides an intensive survey and performance-based exploration of improvisation in the Jazz idiom. Prerequisite(s): MUS 113 or consent of instructor.

MUS 331 - Instrumental Music Methods for Vocalists
1 credit hour
Designed for the choral music education major, this course provides an introduction to the organization and administration of instrumental music programs, as well as opportunities to study a variety of wind and percussion instruments in a lab setting. A field experience may be required. May be repeated once for a total of 2 hours. Prerequisite(s): Successful completion of MUS 101 with a grade of C or better.

MUS 332 - Choral Music Methods for Instrumentalists
1 credit hour
Designed for the instrumental music education major, this course provides an introduction to the organization and administration of choral music programs, as well as the opportunity for vocal training and performance in a lab setting. A field experience may be required. May be repeated once for a total of 2 hours. Prerequisite(s): Successful completion of MUS 101 with a grade of C or better.

MUS 338 - Music Technology II
2 credit hours
A continuation of computers, systems, and software, with development of computer skills through considerable "hands-on" experience with more in-depth emphasis on MIDI, audio production, synthesizers, sequencing, sampling, and other musical applications. Prerequisite(s): MUS 228.

MUS 341 - Music History, Baroque/Classical
3 credit hours
Aspects of musical style from the Baroque and Classical periods. Attention given to important composers and works of the period. Prerequisite(s): MUS 252.

MUS 342 - Music History, 19th Century to Present
3 credit hours
General Education Course
Aspects of musical style, beginning with the Romantic era and continuing to the present. Attention given to important composers and works of the period. Prerequisite(s): MUS 341.

MUS 343 - History of Jazz
3 credit hours
This course will help students develop a knowledge of the
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personalties, styles, terminology, culture, and traditions commonly associated with the American musical epoch called "jazz."

MUS 360 - High-Brass Methods
1 credit hour
Basic principles and techniques of trumpet and horn teaching. Includes selection and care of high-brass instruments, instructional materials and methods, and experience in peer teaching. Consent of instructor required.

MUS 361 - Vocal Pedagogy I
2 credit hours
Principles of correct vocal production, including anatomy and physiology of the respiratory system and vocal mechanism, study of acoustics and resonance, diction, and vocal health. Study and application of exercises and other methods designed to promote freedom and efficiency in singing. Study of methods of diagnosing vocal problems and teaching correct vocal production. Consent of instructor required.

MUS 363 - Organ Literature
2 credit hours
Survey of repertoire for the organ, from the Renaissance to the present. Consent of instructor required.

MUS 364 - Low-Brass Methods
1 credit hour
Basic principles and techniques of trombone, euphonium, and tuba teaching. Includes selection and care of low-brass instruments, instructional materials and methods, and experience in peer teaching. Consent of instructor required.

MUS 383 - Percussion Methods
1 credit hour
Basic principles and techniques of percussion performance. Includes selection and care of percussion instruments, instructional materials and methods, and experience in peer teaching. Consent of instructor required.

MUS 384 - String Methods
1 credit hour
Basic techniques of performance, care, selection, and design principles of stringed instruments. Includes instructional materials and methods, as well as experience in peer teaching. Consent of instructor required.

MUS 391 - Vocal Pedagogy II
1 credit hour
Practicum to allow supervised hands-on teaching experience. Focus on methods for recognizing vocal faults, philosophies of teaching healthy vocal production, choosing of appropriate student repertoire, recognition of vocal dysfunction, and promotion of vocal health. Prerequisite(s): MUS 361.

MUS 415 - Secondary Choral Music Methods
3 credit hours
Designed to prepare the pre-professional choral music educator to organize and direct a comprehensive choral music program in secondary schools. Topics include program administration, curriculum development, selection and utilization of instructional materials, rehearsal organization, and instructional/rehearsal strategies. A field experience may be required. Admission to the TEP required. Prerequisite(s): Successful completion of MUS 101 with a grade of C or better.

MUS 416 - Secondary Instrumental Music Methods
3 credit hours
Designed to prepare the pre-professional instrumental music educator to organize and direct a comprehensive instrumental music program in secondary schools. Topics include program administration, curriculum development, selection and utilization of instructional materials, rehearsal organization, and instructional/rehearsal strategies. A field experience may be required. Admission to the TEP required. Prerequisite(s): Successful completion of MUS 101 with a grade of C or better.

MUS 418 - Guitar Literature
2 credit hours
This course will enable the student to become acutely aware and extremely knowledgeable about a logical and balanced understanding of the guitar literature. The works chosen will represent an extreme range of difficulty, compositional styles, nationalities, and historical periods. Consent of instructor required.

MUS 419 - Percussion Literature
2 credit hours
This course will enable the student to become acutely aware and extremely knowledgeable about a logical and balanced understanding of the percussion literature. The works chosen will represent an extreme range of difficulty, compositional styles, nationalities, and historical periods. Consent of instructor required.

MUS 420 - Music Analysis
2 credit hours
Music theory and music history coalesce in an intensive study of compositions selected from various genres and style periods. Prerequisite(s): MUS 213, 214, and 342.

MUS 421 - Composition
2 credit hours
Investigation of 20th-century techniques in musical composition. Emphasis on development of basic compositional craftsmanship. Prerequisite(s): MUS 213 and 214.

MUS 422 - Composition II
2 credit hours
Continuation of MUS 421. Prerequisite(s): MUS 421.

MUS 423 - Flute Literature
2 credit hours
This course will enable the student to become acutely aware and extremely knowledgeable about a logical and balanced understanding of the flute literature. The works chosen will represent an extreme range of difficulty, compositional styles, nationalities, and historical periods. Consent of instructor required.

MUS 425 - Oboe Literature
2 credit hours
This course will enable the student to become acutely aware and extremely knowledgeable about a logical and
balanced understanding of the oboe literature. The works chosen will represent an extreme range of difficulty, compositional styles, nationalities, and historical periods. Consent of instructor required.

MUS 427 - Clarinet Literature
2 credit hours
This course will enable the student to become acutely aware and extremely knowledgeable about a logical and balanced understanding of the clarinet literature. The works chosen will represent an extreme range of difficulty, compositional styles, nationalities, and historical periods. Consent of instructor required.

MUS 429 - Saxophone Literature
2 credit hours
This course will enable the student to become acutely aware and extremely knowledgeable about a logical and balanced understanding of the saxophone literature. The works chosen will represent an extreme range of difficulty, compositional styles, nationalities, and historical periods. Consent of instructor required.

MUS 430 - History of Opera
3 credit hours
Students will examine the history of the genre from its inception to the present, and will make associations between musical developments and other historical events. Students will become familiar with representative examples of opera literature. Additionally, students will increase their familiarity with music research procedures and develop and refine their writing skills. Prerequisite(s): MUS 341.

MUS 431 - Bassoon Literature
2 credit hours
This course will enable the student to become acutely aware and extremely knowledgeable about a logical and balanced understanding of the bassoon literature. The works chosen will represent an extreme range of difficulty, compositional styles, nationalities, and historical periods. Consent of instructor required.

MUS 432 - Exceptional Learners in Music Education
2 credit hours
This course examines the characteristics and needs of students with exceptionalities and the relevant legislation and policies governing the education of these students. Objectives, materials, methods, and accommodations for inclusion in the musical classroom will be explored. A field experience may be required. May be repeated once for a total of 4 hours. Admission to the TEP required. Prerequisite(s): Successful completion of MUS 101 with a grade of C or better.

MUS 433 - Horn Literature
2 credit hours
This course will enable the student to become acutely aware and extremely knowledgeable about a logical and balanced understanding of the horn literature. The works chosen will represent an extreme range of difficulty, compositional styles, nationalities, and historical periods. Consent of instructor required.

MUS 435 - Trumpet Literature
2 credit hours
This course will enable the student to become acutely aware and extremely knowledgeable about a logical and balanced understanding of the trumpet literature. The works chosen will represent an extreme range of difficulty, compositional styles, nationalities, and historical periods. Consent of instructor required.

MUS 437 - Low-Brass Literature
2 credit hours
This course will enable the student to become acutely aware and extremely knowledgeable about a logical and balanced understanding of the trombone/euphonium/tuba literature. The works chosen will represent an extreme range of difficulty, compositional styles, nationalities, and historical periods. Consent of instructor required.

MUS 441 - Orchestration
2 credit hours
Study of instrumentation, including history, ranges, and tonal characteristics of instruments. Includes elementary scoring for band and orchestra. Prerequisite(s): MUS 113 and 114.

MUS 442 - Orchestration II
2 credit hours
MUS 442 is an advanced investigation of the art and practice of orchestration and idiomatic instrumental techniques. The course is a continuation of MUS 441. Prerequisite(s): MUS 441.

MUS 445 - Internship in Elementary and Choral Music Education
9 credit hours
Supervised school-based observation and participation for a full semester, culminating in full-time teaching in elementary- and secondary-school settings. Admission to the TEP, and admission to the internship required. Prerequisite(s): Successful completion of major coursework.

MUS 446 - Internship in Elementary and Instrumental Music Education
9 credit hours
Supervised school-based observation and participation for a full semester, culminating in full-time teaching in elementary- and secondary-school settings. Admission to the TEP, and admission to the internship required. Prerequisite(s): Successful completion of major coursework.

MUS 448 - Flute Pedagogy I
2 credit hours
This course is designed to explore the problems found and solutions used in teaching the beginning, intermediate, and advanced flute student of all ages. The material will be covered through the use of assigned readings, lectures, written and oral presentations. Consent of instructor required.

MUS 449 - Flute Pedagogy II
1 credit hour
This course is combination laboratory and practice teaching class to develop applied teaching skills. It assumes com-
complete knowledge of the material covered in applied pedagogy I. Prerequisite(s): MUS 448.

MUS 450 - Oboe Pedagogy I
2 credit hours
This course is designed to explore the problems found and solutions used in teaching the beginning, intermediate, and advanced oboe student of all ages. The material will be covered through the use of assigned readings, lectures, written and oral presentations. Consent of instructor required.

MUS 451 - Oboe Pedagogy II
1 credit hour
This course is combination laboratory and practice teaching class to develop applied teaching skills. It assumes complete knowledge of the material covered in applied pedagogy I. Prerequisite(s): MUS 450.

MUS 452 - Clarinet Pedagogy I
2 credit hours
This course is designed to explore the problems found and solutions used in teaching the beginning, intermediate, and advanced clarinet student of all ages. The material will be covered through the use of assigned readings, lectures, written and oral presentations. Consent of instructor required.

MUS 453 - Clarinet Pedagogy II
1 credit hour
This course is combination laboratory and practice teaching class to develop applied teaching skills. It assumes complete knowledge of the material covered in applied pedagogy I. Prerequisite(s): MUS 452.

MUS 454 - Saxophone Pedagogy I
2 credit hours
This course is designed to explore the problems found and solutions used in teaching the beginning, intermediate, and advanced saxophone student of all ages. The material will be covered through the use of assigned readings, lectures, written and oral presentations. Consent of instructor required.

MUS 455 - Saxophone Pedagogy II
1 credit hour
This course is combination laboratory and practice teaching class to develop applied teaching skills. It assumes complete knowledge of the material covered in applied pedagogy I. Prerequisite(s): MUS 454.

MUS 456 - Bassoon Pedagogy I
2 credit hours
This course is designed to explore the problems found and solutions used in teaching the beginning, intermediate, and advanced bassoon student of all ages. The material will be covered through the use of assigned readings, lectures, written and oral presentations. Consent of instructor required.

MUS 457 - Bassoon Pedagogy II
1 credit hour
This course is combination laboratory and practice teaching class to develop applied teaching skills. It assumes complete knowledge of the material covered in applied pedagogy I. Prerequisite(s): MUS 456.

MUS 458 - Horn Pedagogy I
2 credit hours
This course is designed to explore the problems found and solutions used in teaching the beginning, intermediate, and advanced horn student of all ages. The material will be covered through the use of assigned readings, lectures, written and oral presentations. Consent of instructor required.

MUS 459 - Horn Pedagogy II
1 credit hour
This course is combination laboratory and practice teaching class to develop applied teaching skills. It assumes complete knowledge of the material covered in applied pedagogy I. Prerequisite(s): MUS 458.

MUS 460 - Trumpet Pedagogy I
2 credit hours
This course is designed to explore the problems found and solutions used in teaching the beginning, intermediate, and advanced trumpet student of all ages. The material will be covered through the use of assigned readings, lectures, written and oral presentations. Consent of instructor required.

MUS 461 - Trumpet Pedagogy II
1 credit hour
This course is combination laboratory and practice teaching class to develop applied teaching skills. It assumes complete knowledge of the material covered in applied pedagogy I. Prerequisite(s): MUS 460.

MUS 462 - Wind and Percussion Literature
2 credit hours
Survey of literature appropriate to the major performing area of the instrumentalist.

MUS 463 - Vocal Literature I
1 credit hour
Survey of literature for the solo voice. Prerequisite(s): MUS 133, 134, 233, 234.

MUS 464 - Vocal Literature II
1 credit hour
Survey of literature for the solo voice. Prerequisite(s): MUS 463.

MUS 469 - Piano Literature I
1 credit hour
Piano literature from the Baroque to the present. Prerequisite(s): Consent of instructor.

MUS 470 - Piano Literature II
1 credit hour
Continuation of MUS 469. Sophomore standing as a keyboard major or consent of instructor required.

MUS 471 - Low-Brass Pedagogy I
2 credit hours
This course is designed to explore the problems found and solutions used in teaching the beginning, intermediate, and
advanced trombone/euphonium/tuba student of all ages. The material will be covered through the use of assigned readings, lectures, written and oral presentations. Consent of instructor required.

MUS 472 - Low-Brass Pedagogy I
1 credit hour
This course is combination laboratory and practice teaching class to develop applied teaching skills. It assumes complete knowledge of the material covered in applied pedagogy I. Prerequisite(s): MUS 471.

MUS 477 - Percussion Pedagogy I
2 credit hours
This course is designed to explore the problems found and solutions used in teaching the beginning, intermediate, and advanced percussion student of all ages. The material will be covered through the use of assigned readings, lectures, written and oral presentations. Consent of instructor required.

MUS 478 - Percussion Pedagogy II
1 credit hour
This course is combination laboratory and practice teaching class to develop applied teaching skills. It assumes complete knowledge of the material covered in applied pedagogy I. Prerequisite(s): MUS 477.

MUS 479 - Guitar Pedagogy I
2 credit hours
This course is designed to explore the problems found and solutions used in teaching the beginning, intermediate, and advanced guitar student of all ages. The material will be covered through the use of assigned readings, lectures, written and oral presentations. Consent of instructor required.

MUS 480 - Guitar Pedagogy II
1 credit hour
This course is combination laboratory and practice teaching class to develop applied teaching skills. It assumes complete knowledge of the material covered in applied pedagogy I. Prerequisite(s): MUS 479.

MUS 481 - Seminar in Music History
3 credit hours
Students will examine various aspects of music history on a variety of topics ranging from attention upon composers, specific genres and time periods. Students will become familiar with representative examples of music literature from the area covered in the seminar. Additionally, students will increase their familiarity with music research procedures and develop and refine their writing skills. Consent of instructor required.

MUS 482 - Piano Pedagogy I
2 credit hours
This course is designed to explore the problems found and solutions used in teaching the beginning, intermediate, and advanced piano student of all ages. The material will be covered through the use of assigned readings, lectures, written and oral presentations. Consent of the instructor required.

MUS 483 - Piano Pedagogy II
1 credit hour
This course is combination laboratory and practice teaching class to develop applied teaching skills. It assumes complete knowledge of the material covered in applied pedagogy I. Prerequisite(s): MUS 482.

MUS 490 - Directed Independent Study In Composition
1-4 credit hours
Individualized creative projects for various performing media. Consent of instructor required. Prerequisite(s): MUS 211 and 213, with a grade of B or better in each.

MUS 491 - Directed Independent Study In Music
1-6 credit hours
Designed to provide opportunity for intensive and independent inquiry in areas of music that lie outside the scope of other undergraduate classes.

MUS 492 - Directed Independent Study In Music Ed
3 credit hours
This course is designed to provide further study into issues and challenges that can arise in the classroom. Consent of instructor required.

MUS 495 - Basic Conducting
2 credit hours
Basic baton techniques and score reading. Prerequisite(s) with concurrency allowed: MUP 230.

MUS 496 - Choral Conducting
2 credit hours
Choral rehearsal techniques and literature. Prerequisite(s): MUS 495.

MUS 497 - Instrumental Conducting
2 credit hours
Study of instrumental rehearsal techniques and literature. Prerequisite(s): MUS 495.

Music, Applied

MUP 117 - Class Voice for Non-Majors
1 credit hour
Fundamental vocal-performance skills for non-music majors. Emphasis is on acquisition of basic vocal technique, including musicianship skills. Open to non-music majors as an elective.

MUP 118 - Class Guitar
1 credit hour
For students with little or no prior guitar instruction. Emphasis on acquisition of basic guitar technique and musicianship skills, including reading skills. Open to music majors and non-majors as an elective.

MUP 119 - Class Piano for Non-Majors
1 credit hour
For non-majors with little or no prior musical experience. Emphasis on learning the piano keyboard, reading music, and the basic elements of music. Open to non-music majors
as an elective.

MUP 127 - Class Voice
1 credit hour
Fundamental vocal-performance skills for the instrumental Music Education major. Consent of instructor required.

MUP 129 - Class Piano I
1 credit hour
For Music majors who are not keyboard principals, and for non-music majors with consent of instructor. Emphasis is on acquisition of basic keyboard techniques, keyboard harmony, sight reading, and transposition.

MUP 130 - Class Piano II
1 credit hour
Continuation of MUP 129, with emphasis on harmonization, rudimentary improvisation, open-score reading, and further development of technical proficiency, keyboard harmony, and transposition. Prerequisite(s): MUP 129.

MUP 229 - Class Piano III
1 credit hour
Continuation of MUP 130, with emphasis on improvisation, harmonization from lead sheets and figured bass, open-score reading, and accompanying. Prerequisite(s): MUP 130.

MUP 230 - Class Piano IV
1 credit hour
Continuation of MUP 229, with emphasis on refinement of keyboard technique, improvisation, harmonization, open-score reading, and accompanying skills. Successful challenge of piano proficiency exam is required to complete course. Prerequisite(s): MUP 229.

MUP 290 - Piano Proficiency
0 credit hours
Examination of proficiency in keyboard skills for Bachelor of Music degree candidates with a concentration in performance, music education, or composition, and primary in any instrument other than keyboard. This course is graded satisfactory/ unsatisfactory. Students are allowed two attempts at the exam. Those who do not pass the exam after two attempts cannot pass the course. Those who do not pass the course must re-enroll in keyboard study before enrolling in MUP 290 again. Passing MUP 290 is a requirement for graduation. Co-requisite(s): MUP 230 or consent of instructor.

MUP 390 - Junior Recital
0 credit hours
Solo public performance of musical literature appropriate for major area. Consent of instructor required.

MUP 490 - Senior Recital
0 credit hours
Solo public performance of musical literature appropriate for major area. Consent of instructor required.

Music, Applied Private Lessons for non-majors
College of Fine Arts
MUP 126 - Elective Voice
1-2 credit hours
Audition and consent of instructor required.

MUP 136 - Elective Keyboard
1-2 credit hours
Audition and consent of instructor required.

MUP 146 - Elective Woodwind
1-2 credit hours
Audition and consent of instructor required.

MUP 156 - Elective Brass
1-2 credit hours
Audition and consent of instructor required.

MUP 166 - Elective Percussion
1-2 credit hours
Audition and consent of instructor required.

MUP 176 - Elective Strings
1-2 credit hours
Audition and consent of instructor required.

Music, Applied Private Lessons for music majors and minors
College of Fine Arts

The following numbers apply to all four levels of Applied Private Lessons for music majors and approved music minors. Each level may be taken twice for 1-2 credit hours. Study at the 200 level requires consent of instructor and two semesters of 100-level study. Study at the 300 level requires successful completion of MUS 113, successful completion of the Upper-Division Qualifying Exam, consent of instructor, and two semesters of 200-level study. Study at the 400 level requires consent of instructor and two semesters of 300-level study.

20 Voice 44 Bassoon 61 Percussion
31 Harpsichord 45 Saxophone 71 Violin
32 Organ 51 Horn 72 Viola
33 Piano 52 Trumpet 73 Cello
41 Flute 53 Trombone 74 Double Bass
42 Oboe 54 Euphonium 75 Guitar
43 Clarinet 55 Tuba

Music Ensembles for music majors, minors, and non-majors
College of Fine Arts

MUP 101 - Chamber Choir
1 credit hour
Consent of instructor required.
Courses of Instruction

MUP 102 - University Chorus
1 credit hour

MUP 103 - Concert Choir
1 credit hour
Consent of instructor required.

MUP 104 - Opera Workshop
1 credit hour
Consent of instructor required.

MUP 105 - Wind Ensemble (Concert Band)
0-1 credit hour
Consent of instructor required.

MUP 106 - Jazz Ensemble
1 credit hour
Consent of instructor required.

MUP 107 - Saxophone Quartet
1 credit hour
Consent of instructor required.

MUP 108 - Accompanying
1 credit hour
Consent of instructor required. Co-requisite(s): MUS 230.

MUP 109 - Chamber Music Ensemble
1 credit hour
Consent of instructor required.

MUP 110 - Orchestra
1 credit hour
Consent of instructor required.

MUP 111 - Brass Quintet
1 credit hour
Consent of instructor required.

MUP 112 - Woodwind Quintet
1 credit hour
Consent of instructor required.

MUP 113 - Guitar Ensemble
1 credit hour
Consent of instructor required.

MUP 114 - Percussion Ensemble
1 credit hour
Consent of instructor required.

MUP 115 - Clarinet Choir
1 credit hour
Consent of instructor required.

MUP 116 - Jazz Combo
1 credit hour
Consent of instructor required.

MUP 122 - Pep Band
0-1 credit hour
This music ensemble, for music majors and nonmajors, provides music for home games of the UM men's basketball team.

MUP 123 - Drum Circle
1 credit hour
Improvisational drumming in a group setting, for non-majors and majors.

Nonprofit Studies
Michael E. Stephens College of Business

NPS 371 - Nonprofit Organizations - Overview and Operations
3 credit hours
An overview course that introduces students to the nonprofit sector in terms of its scope and structure, examines organization and management principles relevant to nonprofits with particular attention to differences from for-profit organizations, and explores career opportunities and paths in the nonprofit sector via use of guest speakers and projects. (Cross-listed with MG 371.)

NPS 409 - Internship in Nonprofit Studies
3 credit hours
Work-related experience in a private, public, or government organization enhancing student learning of academic concepts and theories in nonprofit studies. Course may be repeated or completed for up to 6 credit hours. Graded on a pass/fail basis. Restricted to students with Nonprofit Studies minor and a GPA of at least 3.0, or consent of instructor required.

NPS 420 - Social Entrepreneurship and Sustainability
3 credit hours
Social entrepreneurship is a rapidly developing and changing business field in which business and nonprofit leaders design, grow, and lead mission-driven enterprises. As the traditional lines blur between nonprofit enterprises, government, and business, it is critical that business students understand the opportunities and challenges in this new landscape. Through guest speakers, case discussion, lecture, and student presentations this course will explore this emerging field. Students will be expected to develop a business plan for a social enterprise. Because the field of social entrepreneurship is interdisciplinary and in its infancy, the course will be introductory in nature and will draw heavily from cases, speaker experience, and student inquiry. (Cross-listed with MG 420.)

NPS 460 - Special Topics in Nonprofit Studies
3 credit hours
Study of selected topic in Nonprofit Studies. Course may be repeated for up to a total of 6 credit hours. Restricted to students with Nonprofit Studies minor declared. Prerequisite(s): NPS 371.

NPS 476 - Applied Research in Nonprofit Studies
3 credit hours
Directed research in Nonprofit Studies. Course may be repeated for up to a total of 6 credit hours. Senior standing and consent of instructor required.
Philosophy
College of Arts & Sciences

PHIL 110 - Introduction to Philosophy
3 credit hours
General Education Course
Basic concepts, distinctions, and theories used in philosophical thinking. Emphasis on reasoning and critical thinking as applied to problems in philosophy.

PHIL 111 - Honors Introduction to Philosophy
3 credit hours
General Education Course
An advanced introduction to basic concepts, distinctions, and theories used in philosophical thinking, appropriate for Honors students. Emphasis on reasoning and critical thinking as applied to problems in philosophy as discussed in the classic primary sources. Enrollment in the UM Honors Program required.

PHIL 180 - Critical Reasoning
3 credit hours
General Education Course
Logical reasoning, including principles and methods of argument, mistakes in reasoning, theory or evidence, problems of meaning and definition.

PHIL 220 - Ethics
3 credit hours
General Education Course
Process of moral reasoning, with a survey of theories of moral philosophy and their application to selected contemporary moral problems.

PHIL 221 - Honors Ethics
3 credit hours
General Education Course
An advanced introduction to the process of moral reasoning, with a survey of theories of moral philosophy and their application to selected contemporary moral problems. Discussions will center on classic primary sources. Enrollment in the UM Honors Program required.

PHIL 230 - Science, Technology, and Value
3 credit hours
General Education Course
A study of the impact that the progress of science has on our lives and our futures through the development of various technologies, and the ethical questions raised by our ever-increasing ability to control the world.

PHIL 250 - Symbolic Logic
3 credit hours
Advanced modern formal logic, symbolizing prose, evaluating arguments for validity and soundness, proving theorems with various logical systems. Emphasis on the relationships between logic and language and the role of logic in analytic philosophy.

PHIL 270 - Philosophy of the Nineteenth Century
3 credit hours
An examination of the leading philosophers of the 19th century, including: Kant, Hegel, Marx, Nietzsche and Kierkegaard. Particular attention on issues of epistemology, ethics, and philosophy of religion, as well as to the influence such figures continue to have on the philosophical and cultural landscape of the 20th century. Readings from the primary sources.

PHIL 280 - Ancient and Medieval Philosophy
3 credit hours
General Education Course
Development of Western philosophy, from its beginnings in Greece through the medieval period. Emphasis on the outstanding philosophers of each period.

PHIL 290 - Modern Philosophy
3 credit hours
General Education Course
Modern philosophy from the Renaissance to the present. Emphasis on the outstanding philosophers of the period.

PHIL 300 - Special Topics in Philosophy
3 credit hours
In-depth study of a topic in philosophy, through individual or small-group sessions, with assigned readings. Prerequisite(s): A 100- or 200-level PHIL course or equivalent, or consent of instructor.

PHIL 310 - Philosophy of Religion
3 credit hours
In-depth study of the main arguments for and against the existence of the traditional Judeo-Christian God and several other problems that the theist must address. Emphasis on the relationship between faith and reason, the traditional properties that God is thought of as having, and problems concerning reference to God. Prerequisite(s): A 100- or 200-level PHIL course or equivalent, or consent of instructor.

PHIL 320 - Feminist Philosophy
3 credit hours
An examination of some central themes in Feminist philosophy, including the definition of gender and gender roles, discrimination and affirmative action, institutional sexism, Feminist Ethics and Feminist Epistemology. Classical and contemporary philosophical sources will be read and analyzed. Prerequisite(s): A 100- or 200-level PHIL course or equivalent, or consent of instructor.

PHIL 321 - Philosophical Pragmatism
3 credit hours
An examination of American philosophical pragmatism, especially as represented by the classical pragmatism of C. S. Pierce, William James, and John Dewey. Attention paid to contemporary pragmatism and such figures as Richard Rorty and Cornel West. West's Introduction to Pragmatism, The American Evasion of Philosophy, will be supplemented with primary sources. Prerequisite(s): A 100- or 200-level PHIL course or equivalent, or consent of instructor.

PHIL 330 - Philosophy of Science
3 credit hours
An in-depth study of the classic issues in the philosophy of science: the nature of scientific explanation, the confirmation of scientific theories, theories of truth, the distinction between science and metaphysics, the structure and status
of observation statements, and the "unity science" thesis. Prerequisite(s): A 100- or 200-level PHIL course or equivalent, or consent of instructor.

**PHIL 350 - Existentialism**  
*3 credit hours*  
Introduction to some of the more important themes of contemporary existentialism, such as the wrongness of the individual, authentic existence, I-Thou relationship, and estrangement. Examination of the thought of Hegel, Kierkegaard, Marcel, Buber, Heidegger, Sartre, and Camus. Prerequisite(s): A 100- or 200-level PHIL course or equivalent, or consent of instructor.

**PHIL 355 - Philosophy of Art**  
*3 credit hours*  
This course investigates central questions that arise when philosophers think about art. Prerequisite(s): A 100- or 200-level PHIL course or equivalent or consent of instructor.

**PHIL 400 - Studies in One or Two Philosophers**  
*3 credit hours*  
A close reading of the major works of selected figures in philosophy. Prerequisite(s): Any 200-level PHIL course or equivalent or consent of instructor.

**PHIL 410 - Epistemology**  
*3 credit hours*  
An introduction to the problems and methods of modern epistemology, with a survey of various answers to such central questions as "What is it to know something?", "What is the nature of truth?", and "What is it about some beliefs that makes them more highly justified than others?" Prerequisite(s): Any 200-level PHIL course or equivalent or consent of instructor.

**PHIL 420 - Metaphysics**  
*3 credit hours*  
The classical issues in metaphysics, including the nature of Being and its relation to existence, the nature of mind, and the question of the relation of freedom and causality, as well as a brief introduction to the questioning of metaphysics by the post-modern movement. Prerequisite(s): Any 200-level PHIL course or equivalent or consent of instructor.

**PHIL 430 - Metaethics**  
*3 credit hours*  
Advanced study of the competing theories and rationales in philosophical ethics. Prerequisite(s): Any 200-level PHIL course or equivalent or consent of instructor.

**PHIL 440 - Philosophical Analysis**  
*3 credit hours*  
An in-depth study of the Analytic Philosophy Movement, the development and influence of Analytic thought in the areas of philosophy and language, philosophy of mind and metaphysics, as well as some contemporary criticisms from the Continental perspective. Prerequisite(s): Any 200-level PHIL course or equivalent or consent of instructor.

**PHIL 465 - Special Topics in Aesthetics**  
*3 credit hours*  
This course offers in-depth exploration of the philosophical positioning within specific artistic fields (i.e., music, literature, and the visual arts). May be repeated for up to nine (9) credit hours if topic is different. Prerequisite(s): Any 200-level PHIL course or equivalent or consent of instructor.

**Physics**  
*College of Arts & Sciences*

**PHYS 100 - Introductory Physics**  
*4 credit hours*  
General Education Course  
Basic laws and principles of mechanics, heat, sound, light, and electricity and magnetism and their practical applications. Emphasis on the phenomenological development of the science, with a minimum of mathematical analysis. Students may not take this course for credit after completing a higher-level physics course with a grade of C or better. Prerequisite(s): MATH 131 or higher, or Mathematics ACT subscore of 20 or higher, or Mathematics SAT subscore of 444 or higher.

**PHYS 201 - College Physics I**  
*4 credit hours*  
General Education Course  
Three lectures. One two-hour laboratory. Algebra-based general physics covering mechanics, fluids, vibrations, waves, and sound. Intended for the general university student and for those science majors who are not required to take calculus-based physics. Students cannot receive credit for both PHYS 201 and PHYS 241. Prerequisite(s): MATH 149, 150, or 170.

**PHYS 202 - College Physics II**  
*4 credit hours*  
Three lectures. One two-hour laboratory. Algebra-based general physics covering heat, thermodynamics, electricity and magnetism, and optics. Intended for the general university student and for those science majors who are not required to take calculus-based physics. Students cannot receive credit for both PHYS 202 and PHYS 242. Prerequisite(s): PHYS 201.

**PHYS 241 - University Physics I**  
*4 credit hours*  
General Education Course  
Three lectures. One three-hour lecture/laboratory. Calculus-based general physics covering mechanics and fluids. Intended for those students majoring in science, mathematics, or engineering. Students cannot receive credit for both PHYS 201 and PHYS 241. Prerequisite(s): MATH 170.

**PHYS 242 - University Physics II**  
*4 credit hours*  
Three lectures. One three-hour lecture/laboratory. Calculus-based general physics covering waves, heat, thermodynamics, electricity and magnetism, and light. Intended for those students majoring in science, mathematics, or engineering. Students cannot receive credit for both PHYS 202 and PHYS 242. Prerequisite(s): PHYS 241.
PHYS 350 - Modern Physics
4 credit hours
Three lectures. One two-hour laboratory. Introduction to special theory of relativity, quantum theory of atomic structure, and elementary nuclear physics. Prerequisite(s): PHYS 202 or PHYS 242.

Political Science
College of Arts & Sciences

POS 200 - American National Government
3 credit hours
General Education Course
Constitutional background and development of American government, including the machinery, problems, and practical workings of the government.

POS 250 - State and Local Government
3 credit hours
General Education Course
An introduction to the governmental structure and politics of state and local government, with emphasis on Alabama.

POS 303 - Selected Topics in Political Science
3 credit hours
Topics vary. Course may be repeated for credit as topic changes.

POS 309 - Science Fiction and Politics
3 credit hours
Political themes are explored through science fiction literature and film.

POS 310 - National Parks and Public Lands
3 credit hours
Explores the politics of national parks and other publicly managed lands as resources that demonstrate trade-offs among multiple interests and values, including nature conservation, public recreation, and resource exploitation.

POS 315 - African Polities
3 credit hours
African political issues, culture, institutions, and their historical background, with emphasis on selected countries of Sub-Saharan Africa.

POS 320 - Political Film
3 credit hours
Offers students the opportunity to explore political issues through a critical examination of political films. Selections are drawn from various genres, from the silent era to the present. Films are supplemented with critical discussions and writing.

POS 340 - World Politics
3 credit hours
Major themes and issues in contemporary world politics will be engaged, including great power relations, international organizations, ethnonationalism, international trade, the Third World, global environment, and resources. Students will gain a unique, hands-on perspective on international politics through active participation in crisis simulation and role-playing.

POS 350 - Model United Nations
3 credit hours
Students learn about the United Nations' structure and process and major issues of global concern. They prepare to represent a designated country by learning about that country's positions and concerns in the United Nations. They write resolutions and practice parliamentary procedure, debating, and voting in a simulation of the UN process. The course culminates with students participating in the Southern Regional Model United Nations. Consent of instructor required.

POS 355 - Model Arab League
3 credit hours
Students learn about the Arab League's structure and process, and major issues of Middle East regional concern. They prepare to represent a designated country by learning about that country's positions and concerns in the Arab League. They write resolutions and practice parliamentary procedure, debating, and voting in a simulation of the Arab League process. The course culminates with students participating in the Southeast Regional Model Arab League. Consent of instructor required.

POS 360 - Citizenship and Public Service
3 credit hours
Explores active citizenship from a variety of perspectives through in-class reading and discussion, and out-of-class service activities (i.e. Habitat for Humanity) and field trips.

POS 370 - Research Methods in Social Sciences
3 credit hours
Introduction to empirical research, concentrating on research design, methods of data collection, and statistical analysis of data. Students will be introduced to the Statistical Package for the Social Sciences (SPSS) and acquire practical experience in computer-assisted research.

POS 380 - Foundations of Political Thought
3 credit hours
An introduction to political philosophy, with emphasis on the ideas of great political thinkers, from Plato to Hobbes.

POS 385 - Modern Political Thought
3 credit hours
From Locke to Marx, students will engage the evolution of modern political thought through careful reading and discussion of primary texts, and they will be encouraged to consider the relevance of the major philosophers to contemporary political life.

POS 405 - Great Books in Political Thought
3 credit hours
Students read selected books on a particular theme, participate in seminar discussion, and write a series of analytical essays. Book selection and theme vary. Students may take the course multiple times for credit.

POS 411 - Selected Topics in Political Science
3 credit hours
Topics vary. Course may be repeated for credit as often as topic changes.
POS 422 - American Political Thought  
3 credit hours  
Students will read and analyze seminal works in American political thought. The Federalist Papers and Democracy in America will be emphasized.

POS 443 - Middle East  
3 credit hours  
Middle East political issues, culture, institutions, and their historical background.

POS 444 - Public Policy  
3 credit hours  
Focuses on the role of government and non-government participants in the policy-making process at the federal level. In-depth explorations of certain substantive policy areas, such as education policy and environmental policy.

POS 450 - Global Policy Studies  
3 credit hours  
Students will engage political issues related to contemporary globalization, including the decline of the nation-state, the power of multinational organizations, global citizenship and direct-action politics, environmentalism, indigenous peoples, and human rights.

POS 455 - International Relations  
3 credit hours  
A broad range of traditional and contemporary theories of international relations will be investigated. Students will discover that the evolution of thinking about international relations is marked by both change and continuity, and they will gain new perspective on current events in world affairs through application of the theoretical method.

POS 475 - Constitutional Law  
3 credit hours  
An examination of the role of the Supreme Court in constitutional interpretation, with emphasis on a study of the historical landmark decisions, from the Marshall Court to the Rehnquist Court.

POS 490 - Directed Reading in Political Science  
3 credit hours  
Investigation of assigned subjects with supervised reading and independent study. May be repeated for a maximum of six credit hours. Open to seniors only, with consent of instructor.

POS 495 - Government Internship  
3-15 credit hours  
Practical experience working in a politically related position under the guidance of a faculty member in political science.

POS 499 - The Science of Politics  
3 credit hours  
This "capstone seminar" reviews the history and development of the political-science discipline. A major objective is to assist students in the integration and assimilation of the various subfields and methodologies within the discipline. Limited to Political Science majors in their senior year, except with consent of instructor.

Psychology  
College of Arts & Sciences

PSYC 201 - Foundations in Psychology  
3 credit hours  
General Education Course  
Facts, principles, and theories of psychology with which every educated person should be familiar. PSYC 201 is a prerequisite for all other Psychology courses. Recommended for sophomores.

PSYC 300 - Descriptive Statistics  
3 credit hours  
Choice, preparation, use, and interpretation of descriptive statistical techniques in the behavioral sciences, including data tabulation, frequency distributions, graphs, measures of central tendency and variability, standard scores, correlation, and computer data processing. Prerequisite(s): PSYC 201 and 3 hours of Mathematics.

PSYC 304 - Special Topics in Psychology I  
3 credit hours  
An in-depth study of one area of specialization within psychology. May be repeated for credit as often as topic changes. Consent of instructor required. Prerequisite(s): PSYC 201, 3 additional hours of Psychology.

PSYC 305 - Special Topics in Psychology II  
3 credit hours  
An in-depth study of one area of specialization within psychology. Prerequisite(s): PSYC 201, 3 additional hours of Psychology, and consent of instructor.

PSYC 306 - Lifespan Developmental Psychology  
3 credit hours  
Behavior throughout the human life span, from conception to death; biological, cross-cultural, and environmental factors influencing physical, intellectual, perceptual, social, personality, emotional, and verbal development; theories and methodology of the scientific study of development. Prerequisite(s): PSYC 201.

PSYC 307 - Psychology of Death  
3 credit hours  
Current perspectives on issues surrounding death and dying. Emphasis on grief, mourning, and coping with loss. Prerequisite(s): PSYC 201 and 306 or consent of instructor.

PSYC 310 - Psychopathology  
3 credit hours  
A study of psychopathological behavior, theoretical models, and therapy modalities. Prerequisite(s): PSYC 201.

PSYC 311 - Drugs, Brain, and Behavior  
3 credit hours  
A study of commonly abused licit and illicit drugs examining their effects on the brain and on behavior. Topics may also include major classes of drugs, effects, and toxicity, historical and cultural perspectives, addiction and treatment, and government regulations.
Courses of Instruction

PSYC 312 - Psychology in Film
3 credit hours
An exploration of topics such as social psychology, psychopathology, developmental psychology, therapy, learning through an examination of the presentation of psychology in film. Prerequisite(s): PSYC 201.

PSYC 321 - Social Psychology
3 credit hours
Reciprocal influences of individuals in social interaction settings, social perception, social cognition, attitudes, social exchange, social influence, and control. Prerequisite(s): PSYC 201.

PSYC 340 - Cognitive Psychology
3 credit hours
An analysis of thinking, conceptualization, attention, memory, problem solving, language, and related mediational processes in the individual. Prerequisite(s): PSYC 201.

PSYC 345 - Principles of Learning
3 credit hours
Basic principles of classical and operant conditioning, including reinforcement, punishment, and stimulus control. Application to animal and human learning. Prerequisite(s): PSYC 201.

PSYC 350 - Forensic Psychology
3 credit hours
The study of psychological principles associated with various aspects of the legal system, including forensic assessment and expert witness testimony, police stress, lawyers and judges in the courtroom, victims' rights, and the use of the insanity defense in criminal cases. Prerequisite(s): PSYC 201. Prerequisite(s) with concurrency allowed: PSYC 310.

PSYC 351 - Clinical Techniques and Ethics for the Behavioral Sciences
3 credit hours
An in-depth study of various theoretical models underlying psychotherapy; clinical decision-making and assessment before, during, and after therapy; non-traditional therapies; biologically based therapies; ethical issues in psychotherapy; therapy over the life span; racial and gender issues in psychotherapy; and the efficacy of psychotherapy. Prerequisite(s): PSYC 201 and 310.

PSYC 352 - Health Psychology
3 credit hours
An in-depth study of health psychology as a subdiscipline within psychology. Emphasis on the interaction of biopsychosocial factors as they influence physical illnesses. Methods of successful intervention with patients, based on psychological research, will be a major focus. Prerequisite(s): PSYC 201 and 3 additional hours of Psychology.

PSYC 415 - Human Factors
3 credit hours
Design of systems, work places, and products that effectively support humans in the tasks they perform. Topics include display-control designs, human perceptual limitations, human information processing, design of the work place, and designing to minimize the impact of human error. Case studies will be used. Prerequisite(s): PSYC 201 and PSYC 340 or consent of instructor.

PSYC 418 - Psychological Testing
3 credit hours
Psychological testing instruments used in clinical, counseling, industrial, and educational settings. Emphasis on criteria and information sources for selection of psychological tests, score interpretation, ethical considerations, bias in testing, and current issues in test use. Prerequisite(s): PSYC 201. Prerequisite(s) with concurrency allowed: PSYC 300 and 310.

PSYC 420 - Sensation and Perception
3 credit hours
Study of sensation and perception from a historical perspective and current paradigms. Sensory systems and their biological organization as well as traditional and contemporary questions about perception of sensory information. Prerequisite(s): PSYC 201 and junior or senior standing.

PSYC 425 - Biological Psychology
3 credit hours
Physiological bases of behavior, including learning, motivation, psychopathology, emotion, the senses, body rhythms, and other brain-behavior relationships. Neurochemical aspects of behavior and drug effects. Prerequisite(s): PSYC 201 and BIO 100, 105, or 106, or consent of instructor.

PSYC 430 - Experimental Psychology and Inferential Statistics
3 credit hours
Experimental design, computer analyses, and inferential statistics appropriate to the field of psychology. Methodologies discussed include case studies, surveys, observational studies, correlational studies, and factorial designs. Sampling theory, hypothesis testing, and parametric statistics are covered. Course includes a significant computer component appropriate to analyzing and presenting research findings in the behavioral sciences and related fields. Ethical issues in research and writing APA-style results and discussion sections are also covered. Prerequisite(s): PSYC 201 and 300 and completion of 3 additional hours in Psychology.

PSYC 489 - Individual Research I
3 credit hours
Open to Psychology majors only and consent of instructor required. Prerequisite(s): PSYC 201, 15 additional hours of Psychology.

PSYC 490 - Individual Research II
3 credit hours
Open to Psychology majors only and consent of instructor required. Prerequisite(s): PSYC 201 and 489, 15 additional hours of Psychology.

PSYC 491 - Directed Readings in Psychology
3 credit hours
Current literature on selected, varying topics in Psychology. May be repeated for a maximum of six credit hours.
Prerequisite(s): PSYC 201, 9 additional hours of Psychology, and consent of instructor.

**PSYC 499 - Senior Seminar in the History of Psychology: A Capstone Experience**
3 credit hours
A capstone course that surveys the history and development of the discipline of psychology. Emphasis will be placed on integrating material from the psychology curriculum in order to examine the interconnectedness of the field, despite its vast diversity. Prerequisite(s): BIO 105 (or 107), PHIL 290, PSYC 201 and 425, and 21 additional hours of Psychology.

**Quantitative Methods**
*Michael E. Stephens College of Business*

**QM 235 - Quantitative Methods in Business I**
3 credit hours
Basic mathematical formulations, calculus, and statistics, and their economic applications. Prerequisite(s): MATH 144, 147, or higher.

**QM 236 - Quantitative Methods in Business II**
3 credit hours
Sampling, parameter estimating, hypothesis testing, determination of nature and strength of a relationship among variables, decision theory, time series analysis, and non-parametric methods. Prerequisite(s): QM 235 and MIS 161.

**QM 363 - Operations Management**
3 credit hours
Management of systems producing goods and services, including designing output systems, job design, production scheduling, quality control, and inventory systems. Emphasis on quantitative tools. Prerequisite(s): QM 236 and MG 361.

**Religion**
*College of Arts & Sciences*

**REL 110 - World Religions**
3 credit hours
Introduction to the world's major religious traditions, including Hinduism, Buddhism, Judaism, Islam, and Christianity. Examination of religious texts, as well as observation of diverse religious communities at worship.

**REL 210 - Introduction to Religious Studies**
3 credit hours
Examination of the most-influential modern theories of religion, including those associated with the rise of the social sciences. Theorists to be examined represent the fields of sociology, anthropology, and psychology, and will include such figures as James Frazer, Sigmund Freud, Emile Durkheim, Mircea Eliade, Clifford Geertz, and Ludwig Wittgenstein. Throughout, the focus will be on attempts to explain religion and the question of whether or not explaining religion necessarily explains it away.

**REL 300 - The Literature of the Bible and Koran**
3 credit hours
A study of some of the major literary documents and ideas of Judaism, Christianity, and Islam.

**REL 301 - St. Paul**
3 credit hours

**REL 302 - Special Topics in Religion**
3 credit hours
In-depth study of topics in religion, through individual or small-group sessions, with assigned readings. May be repeated for credit if topic is different.

**Social Work**
*College of Arts & Sciences*

**SWK 203 - Introduction to Social Welfare and Social Work**
3 credit hours
General Education Course
Introduction to social welfare as a humane and stabilizing influence in U.S. society, and to social work as the dominant profession in social welfare.

**SWK 260 - Family and Child Issues and Services**
3 credit hours
General Education Course
Issues affecting children and families in American society. Emphasis on child abuse and neglect, developmentally disabled children, homeless children and families, chronically ill and disabled children, and services available to children and families. Policy issues related to the provision of adequate services and sources also will be considered.

**SWK 301 - Selected Topics in Social Work**
3 credit hours
Specific subjects will vary each time the course is offered. The subject will be announced the previous semester. Course may be repeated for credit each time the topic changes.

**SWK 302 - Selected Topics in Social Work**
3 credit hours
Specific subjects will vary each time the course is offered. The subject will be announced the previous semester. Course may be repeated for credit each time the topic changes.

**SWK 303 - Selected Topics in Social Work**
3 credit hours
Specific subjects will vary each time the course is offered. The subject will be announced the previous semester. Course may be repeated for credit each time the topic changes.
Courses of Instruction

SWK 304 - Selected Topics in Social Work
3 credit hours
Specific subjects will vary each time the course is offered. The subject will be announced the previous semester. Course may be repeated for credit each time the topic changes.

SWK 305 - Selected Topics in Social Work
3 credit hours
Specific subjects will vary each time the course is offered. The subject will be announced the previous semester. Course may be repeated for credit each time the topic changes.

SWK 311 - Substance Abuse
3 credit hours
Evolution of alcohol and drug abuse/dependence in the U.S. and selected other countries and models used to treat substance abuse. Content includes the effects of drugs, including alcohol, on the body, as well as how the disease of dependence affects every area of life and the lives of family members.

SWK 322 - Human Behavior and the Social Environment
3 credit hours
General Education Course
Examination of interrelationships among the individual, family, small groups, organizations, and the community. Special attention given to diversity, cultural sensitivity, oppression, and discrimination. Prerequisite(s): PSYC 201. Prerequisite(s) with concurrency allowed: PSYC 306.

SWK 350 - Generalist Social Work Practice
3 credit hours
This course serves as an introductory perspective on professional social work practice as a planned, purposeful process occurring over time, involving professional judgment and based on knowledge, values, and ethics of the social work profession. Emphasis is placed on understanding beginning generalist practice, including practice with systems of all sizes. For social work majors only. Prerequisite(s): SWK 203 and 322, and PSYC 306, with a GPA of 3.0 in prerequisites courses. Prerequisite(s) with concurrency allowed: SWK 355.

SWK 355 - Research in Social Welfare
3 credit hours
Principles, methods, and utilization of quantitative and qualitative research relating to social work practice. Emphasis is placed on the role of research in evaluating the effectiveness of one's own practice and of service delivery systems. Prerequisite(s): A grade of C or better in SWK 203 (for Social Work majors). Prerequisite(s) with concurrency allowed: PSYC 300.

SWK 373 - Social Policy
3 credit hours
An introduction to the study of social policy, with emphases on 1) how social policy influences the lives of citizens and clients, 2) how social policy influences the practice of social work, and 3) the resulting responsibilities of social work to try to influence social policy. Non-majors are allowed to take this course with consent of instructor. Prerequisite(s): For Social Work majors: SWK 203 and 322 (with grades of C or better), EC 231 or 232, and POS 200 or 250. Also recommended for Human Service minors, for whom the prerequisite is SWK 203.

SWK 380 - Mental Health Issues and Services
3 credit hours
A study of the development of mental health services in the U.S., including changing conceptions of mental illness/mental health and associated programs and practices. Special emphasis is given to the development of the philosophy, policies, and implementation of community mental health, and current issues such as deinstitutionalization and homelessness. Prerequisite(s): SOC 101.

SWK 390 - Social Work Practice with Groups
3 credit hours
Emphasis on the development of knowledge and skills for generalist social work practice with small groups, including task and treatment groups. For social work majors only. Consent of instructor required for non-social work majors. Prerequisite(s): Grades of C or better in SWK 203 and 322.

SWK 400 - Skills for Social Work Practice
3 credit hours
A competency-based course emphasizing acquisition of skills in interviewing, inter/intra organization communication, intervention, planning, and professional presentation. Students will complete a minimum of 24 hours of pre-practicum orientation. For social work majors only. Students must meet criteria for admission to the Practicum to enter the course. Prerequisite(s): Grades of C or better in SWK 350 and 355. Co-requisite(s): SWK 410.

SWK 401 - Social Gerontology
3 credit hours
Comprehensive examination of aging in contemporary society, with emphases on the theories and social consequences of aging for individuals, groups, and society. Prerequisite(s): SOC 101.

SWK 410 - Social Work Practice with Individuals and Families
3 credit hours
Examines social work practice with individuals and families. The problem-solving process, social work purposes, values, and ethics are examined. Emphasis is given to the helping relationship and the phases of the helping process. For social work majors only. Prerequisite(s): SWK 350 and 355. Co-requisite(s): SWK 400.

SWK 411 - Selected Topics in Social Work
3 credit hours
Topics vary. Course may be repeated for credit as often as topic changes, up to a total of 9 credit hours. Prerequisite(s): SWK 203 and 322.

SWK 420 - Social Work Practice with Communities and Organizations
3 credit hours
Emphasis on the development of knowledge and skills for
generalist social work practice with communities and organizations. For social work majors only. Prerequisite(s): Grades of C or better in SWK 350 and 355.

SWK 455 - Social Work Practicum
10 credit hours
The social work practicum provides an opportunity for students to have direct and continuing contact with the realities of social work practice for the purpose of developing professional social work capabilities. The student is assigned to a social service agency five days a week and is supervised by a qualified professional practitioner employed by the agency. A GPA of 3.0 is required in social work courses. An overall GPA of 2.3 is also required. Prerequisite(s): SWK 373, 390, 400, 410, and 420.

SWK 456 - Social Work Integrative Seminar
2 credit hours
Emphasis is on helping students incorporate previous classroom content with their "real life" experiences in the practicum. Themes that are infused into the total curriculum and preparation for entering social work practice are emphasized. The course meets every week for two hours. Co-requisite(s): SWK 455.

SWK 490 - Directed Readings in Social Work
1-3 credit hours
May be repeated for a maximum of six credit hours.

Sociology
College of Arts & Sciences

SOC 101 - Introductory Sociology
3 credit hours
General Education Course
Patterns of modern society, including social behavior in terms of culture, group relationships, social organizations, and social stratification.

SOC 240 - Social Problems
3 credit hours
Concepts and theories used in the sociological study of social problems. Emphasis on the process through which troubling conditions become understood as social problems. Students develop skills of thinking critically about social problems and successfully presenting claims about troubling societal conditions.

SOC 303 - Selected Topics in Sociology
3 credit hours
Topics vary. Course may be repeated for credit as often as topic changes. (Cross-listed with GEOG 303, HIST 303, and POS 303.)

SOC 310 - Sociology of Popular Music
3 credit hours
The relationship of music and cultural values, beliefs, and practices is complex and subject to much debate. Music both reflects and shapes cultures. In this course we will examine popular music as an important social, economic, political, and historical force in American life.

SOC 322 - Minorities
3 credit hours
Principal American social and ethnic groups, with emphasis on immigration and migration of minority groups and the effects of prejudice and discrimination.

SOC 324 - Social Stratification
3 credit hours
Theories and systems of caste and class, with specific consideration given to status, occupation, income, education, and other elements in contemporary American stratification. Prerequisite(s): SOC 101.

SOC 341 - Juvenile Delinquency
3 credit hours
Systematic approaches to dealing with the major problems of juvenile delinquency in the United States. Emphasis on development, rehabilitation, and prevention of delinquent behavior. Junior or senior standing required. Prerequisite(s): SOC 101.

SOC 342 - Criminology
3 credit hours
This course is a study of the nature of criminal acts, theories of causation, and modern trends of punishment and/or rehabilitation. Junior or senior standing required. Prerequisite(s): SOC 101.

SOC 352 - Medical Sociology
3 credit hours
Nature and organization of medical practice and health-care delivery systems. Includes history of medical care, evolution of medicine, structure of health-care system, and the relationship between health care and other major institutions. Attention also given to the role of the practitioner and the patient in the health-care process. Prerequisite(s): SOC 101.

SOC 360 - Social Change
3 credit hours
Theories and processes of social change in advanced societies, with emphasis on demographic development, social movements, and collective behavior. Prerequisite(s): SOC 101.

SOC 393 - Probation and Parole
3 credit hours
Analytical and theoretical examination of probation and parole systems in the United States, with emphasis on the technical aspects of the field of corrections. Prerequisite(s): SOC 101.

SOC 401 - Sociology of Aging and the Life Course
3 credit hours
Sociological study of aging across the life course including the social construction of age and aging. Review of classical perspectives on aging with a particular focus on the life course perspective. Examination of how age-related experiences intersect with socioeconomic status, gender, race, and ethnicity. Prerequisite(s): SOC 101.
Courses of Instruction

SOC 402 - Sociology of Education
3 credit hours
Comprehensive study of education as an institution of enculturation, with emphasis on the relationship of education and other social institutions, schools as experienced by students, and contemporary crisis in education. Prerequisite(s): SOC 101.

SOC 403 - Animals and Society
3 credit hours
Sociological perspectives on the role of animals in the production and re-production of human culture and society. Emphasis on the use of animals for human consumption, leisure, status acquisition, identity expression, knowledge production, and meaning-making. Socio-historical views on pet-keeping, euthanasia, and animal abuse. Prerequisite(s): SOC 101.

SOC 404 - Environmental and Natural Resources Sociology
3 credit hours
Focuses on interactions between social structures and biophysical environments. Topics include: Socio-cultural understandings of nature, social causes and consequences of environmental degradation, human population dynamics, environmental justice, environmental health, globalization of food systems, and public opinion toward environmental change. Prerequisite(s): SOC 101.

SOC 411 - Selected Topics in Sociology
3 credit hours
Topics vary. Course may be repeated for credit as topic changes. Prerequisite(s): SOC 101.

SOC 445 - Sex Roles, Gender, and Culture
3 credit hours
Study of sex roles within broader cultural patterns in various societies. Topics include: acquisition of gender, interactional styles, and political/economic consequences of gender differences. Prerequisite(s): SOC 101.

SOC 480 - Development of Sociological Theory
3 credit hours
Origins and development of prominent sociological theories and the contributions of outstanding theorists. Prerequisite(s): SOC 101.

SOC 490 - Independent Study in Sociology
3 credit hours
May be repeated for a maximum of six credit hours. Consent of instructor required.

SOC 499 - Sociology Capstone
3 credit hours
A culminating, reflective experience in which students integrate learning from prior courses, demonstrate the ability to apply disciplinary tools, hone professional identities and skills, and begin transition to post-graduate life. Depending upon the instructor, course requirements may include some or all of the following: Completion of a research project or other product that demonstrates knowledge and application of the discipline's core perspectives, theories, and strategies; application of disciplinary knowledge in problem-solving activities, reflective participation in community activities or events; and/or generation of a professional portfolio or other product appropriate to the student's post-graduation goals. Prerequisite(s): SOC 101, 240, 324, and nine additional credit hours of sociology electives. Prerequisite(s) with concurrency allowed: SWK 355 or POS 370, and SOC 480.

Spanish

College of Arts & Sciences

SPN 101 - Introductory Spanish I
3 credit hours
General Education Course
Emphasis on the development of basic communication skills in reading, writing, listening, and speaking, through grammatical and verbal drills, systematic vocabulary acquisition, reading, composition, and conversation.

SPN 102 - Introductory Spanish II
3 credit hours
General Education Course
Continued emphasis on the development of basic communication skills in reading, writing, listening, and speaking, through grammatical and verbal drills, systematic vocabulary acquisition, reading, composition, and conversation. Prerequisite(s): SPN 101 or equivalent or placement by departmental exam.

SPN 103 - Honors Introductory Spanish I
3 credit hours
General Education Course
Emphasis on the development of basic communication skills in reading, writing, listening and speaking, through grammatical and verbal drills, systematic vocabulary acquisition, reading, composition, and conversation. Students cannot get credit for both SPN 101 and SPN 103. Enrollment in the UM Honors Program required.

SPN 104 - Honors Introductory Spanish II
3 credit hours
General Education Course
Continued emphasis on the development of basic communication skills in reading, writing, listening and speaking, through grammatical and verbal drills, systematic vocabulary acquisition, reading, composition, and conversation. Students cannot get credit for both SPN 104 and SPN 102. Enrollment in the UM Honors Program required. Prerequisite(s): SPN 103 or equivalent or placement by departmental exam.

SPN 150 - Accelerated Introductory Spanish
6 credit hours
This course covers the material for SPN 101 and SPN 102 in one semester. Emphasis on the development of basic communication skills in reading, writing, listening, and speaking, through grammatical and verbal drills, systematic vocabulary acquisition, reading, composition, and conversation. A minimum of one year of high school Spanish is required to take this course. This course is not intended for true beginners of a language. May not be taken by students who have received credit for either SPN 101/103 or SPN 102/104.
SPN 201 - Intermediate Spanish I
3 credit hours
General Education Course
Continued emphasis on the development of basic communication skills, stressing vocabulary, the idiom, and grammar, along with composition and conversation. Readings and discussion explore cross-cultural values. Prerequisite(s): SPN 102 or equivalent or placement by departmental exam.

SPN 202 - Intermediate Spanish II
3 credit hours
General Education Course
Continuation of SPN 201. Prerequisite(s): SPN 201 or equivalent or placement by departmental exam.

SPN 250 - Accelerated Intermediate Spanish
6 credit hours
General Education Course
Continued emphasis on the development of basic communication skills, stressing vocabulary, the idiom, and grammar, along with composition and conversation. Readings and discussion explore cross-cultural values. May not be taken by students who have credit for either SPN 201 or SPN 202. Prerequisite(s): SPN 102/104 or SPN 150 or equivalent or placement by departmental exam.

SPN 300 - Directed Independent Study
1-3 credit hours
Investigation of assigned subjects, supervised reading, and independent study at the advanced intermediate level. May be repeated for credit if topic is different. Consent of instructor and chair required.

SPN 301 - Spanish Conversation
3 credit hours
Emphasis on development of speaking fluency. Oral practice highly emphasized. Occasional written exercises. Prerequisite(s): SPN 202 or 250 or placement test scores or consent of instructor.

SPN 302 - Grammar and Composition
3 credit hours
Emphasis on development of technical command of Spanish through grammar review, vocabulary amplification, and writing exercises. Prerequisite(s): SPN 202 or 250 or placement test scores or consent of instructor.

SPN 303 - Phonetics and Phonology
3 credit hours
Studies in the phonetics and phonology of Spanish. Emphasis on pronunciation of contemporary Spanish. At the instructor's discretion, this course may involve studies in linguistic analysis and transcription. Prerequisite(s): SPN 202 or 250 or placement test scores or consent of instructor.

SPN 310 - Business Spanish
3 credit hours
In this course students will study a variety of texts and exercises related to business Spanish. Emphasis on understanding commercial vocabulary and comprehending authentic texts, as well as the creation of dialogues and oral presentations. Study of aspects of other areas of professional Spanish (social work, law) may be included. Prerequisite(s): SPN 301, 302, or 303, or consent of instructor.

SPN 320 - Latin American Literature in Translation
3 credit hours
Studies in Latin-American literature. Topics may include chronicles of conquest, Sor Juana, magical realism, the "boom", and studies in national literatures (Mexico, Cuba, Peru, Argentina, Brazil, etc.) This course may include the study of basic literary theory. Prerequisite(s): SPN 301, 302, or 303, or consent of instructor.

SPN 321 - Spanish Literature in Translation
3 credit hours
Studies in Spanish literature. Topics may include Golden Age drama, Cervantes, the picaresque, Garcia Lorca, and contemporary narrative. This course may include the study of basic literary theory. Prerequisite(s): SPN 301, 302, or 303, or consent of instructor.

SPN 330 - Introduction to Hispanic Literature
3 credit hours
This course introduces students to the literary genres and historical panorama of Hispanic literature. Emphasis on the acquisition of reading skills and analytical tools in drama, poetry, narrative, and essay. Prerequisite(s): SPN 301, 302, or 303, or consent of instructor.

SPN 331 - Survey of Spanish Literature
3 credit hours
This course introduces students to the literary genres and historical panorama of Spanish literature. Emphasis on the acquisition of reading skills and analytical tools in drama, poetry, narrative, and essay. Prerequisite(s): SPN 301, 302, or 303, or consent of instructor.

SPN 332 - Survey of Latin-American Literature
3 credit hours
This course introduces students to the literary genres and historical panorama of Latin-American literature. Emphasis on the acquisition of reading skills and analytical tools in drama, poetry, narrative, and essay. Prerequisite(s): SPN 301, 302, or 303, or consent of instructor.

SPN 341 - Peninsular Culture and Civilization
3 credit hours
This course introduces students to the main historical events, social movements, artistic currents, and philosophical vagues from the beginning of Spanish civilization to the present. The cultural history of Spain will be considered within a national and international context. Prerequisite(s): SPN 301 or 302 or consent of instructor.

SPN 342 - Latin-American Culture and Civilization
3 credit hours
This course introduces students to the main historical events, social movements, artistic currents, and philosophical vagues from pre-Columbian civilizations to the present. The cultural history of Latin America will be considered within a national and international context. Prerequisite(s): SPN 301, 302, or 303, or consent of instructor.
Courses of Instruction

SPN 343 - U.S. Latino Culture and Civilization
3 credit hours
This course introduces students to the main historical events, social movements, artistic currents, and philosophical vogue from the beginnings of U.S. Latino culture to the present. The cultural history of U.S. Latino culture will be considered within a national and international context. Some attention may be given to the rise and development of Latino communities in Alabama. Prerequisite(s): SPN 301, 302, or 303, or consent of instructor.

SPN 344 - Hispanic Cultural Studies and Film
3 credit hours
Study of several films within the context of cultural themes such as gender roles, representations of race, depictions of class, and nation-building. Prerequisite(s): SPN 301, 302, or 303, or consent of instructor.

SPN 345 - The Hispanic World Today
3 credit hours
A social, political, and economic survey of the present situation and trends of all Spanish-speaking countries, highlighting similarities and differences. Prerequisite(s): SPN 301, 302, or 303, or consent of instructor.

SPN 370 - Special Topics
3 credit hours
Investigation of selected topics or themes drawn from culture, history, literature, or the arts. Can be repeated twice for credit if content is different. Prerequisite(s): SPN 301, 302, or 303, or consent of instructor.

SPN 395 - Study Abroad
6 credit hours
Immersion in the Spanish language to perfect linguistic and cultural skills. Prerequisite(s): SPN 301, 302, or 303, or consent of instructor.

SPN 400 - Directed Independent Study
1-3 credit hours
Investigation of assigned subjects, supervised reading, and independent study at the advanced level. Consent of instructor and chair required. Prerequisite(s): At least two classes numbered at SPN 330 or above.

SPN 405 - History of the Spanish Language
3 credit hours
Study of the history of the Spanish language (syntax, morphology, lexicon, etc.), with an emphasis on the rise and development of Castilian, and its diffusion and transformations beyond the Iberian Peninsula. Prerequisite(s): At least two classes numbered at SPN 330 or above.

SPN 410 - Spanish for the Professions
3 credit hours
Study in Spanish of the terminology and representative texts related to one or more professions (health, law, social work, etc.). Prerequisite(s): At least two classes numbered at SPN 330 or above.

SPN 430 - Spanish Medieval and Golden-Age Literature
3 credit hours
Study in Spanish literature from the beginnings through the 17th century. At the instructor's discretion, this course may involve a survey of major authors and texts, or may explore a special topic (Imperialism, mysticism, conquest). Prerequisite(s): At least two classes numbered at SPN 330 or above.

SPN 431 - Modern and Contemporary Spanish Literature
3 credit hours
Studies in Spanish literature from the 17th century through the 21st century. At the instructor's discretion, this course may involve a survey of major authors and texts, or may explore a special topic (Francisco Franco, women and culture, and guerras carlistas). Prerequisite(s): At least two classes numbered at SPN 330 or above.

SPN 440 - Colonial Spanish Literature
3 credit hours
Studies in Latin American literature from pre-Columbian times to the Wars of Independence. At the instructor's discretion, this course may involve a survey of major authors and texts, or may explore a special topic (the self and the other, Indigenous cultures). Prerequisite(s): At least two classes numbered at SPN 330 or above.

SPN 441 - Modern and Contemporary Latin-American Literature
3 credit hours
Studies in Latin-American literature from the Wars of Independence through the 21st century. At the instructor's discretion, this course may involve a survey of major authors and texts, or may explore a special topic (nation-building, dictatorship, perceptions of the U.S.A.). Prerequisite(s): At least two classes numbered at SPN 330 or above.

SPN 442 - U.S. Latino Literature
3 credit hours
Studies in U.S. Latino literature from the beginnings through the 21st century. At the author's discretion, this course may involve a survey of major authors and texts, or may explore a special topic (borderlands, city life, the American Dream). Prerequisite(s): At least two classes numbered at SPN 330 or above.

SPN 450 - Cervantes
3 credit hours
Study of one or more works by Miguel de Cervantes, including Don Quixote and the Novelas ejemplares. May be offered in Spanish or English. Prerequisite(s): At least two classes numbered at SPN 330 or above.

SPN 451 - Studies in Drama
3 credit hours
Study of the formal and generic features of drama. May emphasize the development of dramatic form and content, a group of writers (Lope de Vega and his circle), a period of culture (Colonial), or a subgenre (esperpento). Prerequisite(s): At least two classes numbered at SPN 330 or above.

SPN 452 - Studies in Poetry
3 credit hours
Study of the forms and conventions of poetry. May emphasize a poetic kind (the ballad, the sonnet), a group of writers (the Generation of 1927), a period or culture (Golden Age poetry), or a recurrent theme (exile). Prerequisite(s):
At least two classes numbered at SPN 330 or above.

**SPN 453 - Studies in Prose**  
3 credit hours  
Study of the formal and generic features of the novel, novella, essay, testimonio, and other prose forms. May emphasize the origins and development of a particular prose genre, a group of writers (Generation of 98), a period or culture (contemporary Spanish short story), or a sub-genre or kind (the picaresque or family romance). Prerequisite(s): SPN 301, 302, or 303, or consent of instructor, and at least two classes numbered at SPN 330 or above.

**SPN 470 - Special Topics**  
3 credit hours  
Advanced investigation of selected topics or themes drawn from culture, history, literature, or the arts. Can be repeated twice for credit if content is different. Prerequisite(s): SPN 301, 302, or 303, or consent of instructor, and at least two classes numbered at SPN 330 or above.

**Special Education**  
*College of Education*

**SPED 205 - Manual Communication**  
3 credit hours  
Introduction to manual communication, emphasizing correct production of manual alphabet and basic sign language vocabulary. Includes philosophy of total communication.

**SPED 297 - Language Analysis**  
3 credit hours  
Introduction to syntax and semantics to enable students to evaluate and apply recent research findings, language curricula, and procedures for language analysis.

**SPED 300 - American Sign Language**  
3 credit hours  
Basic vocabulary and linguistic structures of American Sign Language. History and culture of the Deaf community. Prerequisite(s): SPED 205 or demonstrated competency for advanced study.

**SPED 307 - Manually Coded English**  
3 credit hours  
Receptive and expressive sign language skills using fingerspelling, Signing Exact English, and Contact Signing. Prerequisite(s): SPED 205 and 300.

**SPED 320 - Developing Auditory/Oral Communication with Students who are Deaf and Hard of Hearing**  
3 credit hours  
The student will gain the knowledge and skills necessary to develop and implement an oral/aural communication intervention program for children with hearing loss, ages birth to adolescence, and their families, with emphasis on the development of spoken language through the use of current technology including cochlear implants, digital hearing aids, etc. Students will construct objectives, activities, and materials to use in listening activities, spoken language instruction, and speech development with children who are deaf and hard of hearing.

**SPED 375 - Auditory Education and Strategies for Deaf and Hard of Hearing Students**  
3 credit hours  
The student will gain the knowledge and skill necessary to organize and manage an auditory education program for children with hearing loss ages birth to adolescence and their families, with emphasis on the development of listening skills through the use of current technology including cochlear implants, digital hearing aids, etc.

**SPED 378 - Expressive Communication Strategies for Deaf and Hard of Hearing Students**  
3 credit hours  
The student will gain the knowledge and skills necessary to develop and implement an oral/aural communication intervention program for children with hearing loss ages birth to adolescence and their families, with emphasis on the development of spoken language through the use of current technology including cochlear implants, digital hearing aids, etc. Prerequisite(s): SPED 375.

**SPED 398 - Deaf Culture**  
3 credit hours  
This course will explore issues related to Deaf culture.

**SPED 407 - Exceptional Learners in P-12 and Secondary Programs**  
3 credit hours  
Skills related to identification of exceptional learners at the P-12 and secondary levels and their needs related to an inclusive setting. Analyzing the learner according to the exceptionality, environment, and family relationships.

**SPED 408 - Exceptional Learners in the Early Childhood and Elementary Classroom**  
3 credit hours  
Skills related to identification of exceptional learners at the early childhood and elementary levels and their needs as related to an inclusive setting. Analyzing the learner according to the exceptionality, environment, and family relationships.

**SPED 415 - Instructional Methods in the Inclusive Early Childhood and Elementary Classroom**  
3 credit hours  
Designed to prepare elementary education teachers to teach in inclusive classrooms through the introduction of academic, behavioral, and social instructional methods. Appropriate laboratory experiences provided. Prerequisite(s): SPED 408.

**SPED 416 - Behavior Management in the Classroom**  
3 credit hours  
Provides skills to manage the behavior of students with disabilities, including behavioral assessment, appropriate intervention strategies, and evaluation of intervention effectiveness. Prerequisite(s): SPED 407 or 408.

**SPED 440 - Practicum in Special Education**  
3 credit hours  
While placed in self-contained and resource classrooms, students will administer individualized assessments, develop individualized educational programs, modify lesson
**Courses of Instruction**

plans, and consult with parents and professionals. Prerequisite(s): SPED 407 or 408.

**SPED 462 - Assessment in Special Education**  
3 credit hours  
The purpose of this course is to prepare pre-service special-education teachers to administer, score, and interpret assessment information for the purpose of educational planning. Admission to the TEP required. Prerequisite(s): SPED 407 or 408.

**SPED 476 - Methods of Teaching Academic Subjects to the Deaf and Hard of Hearing**  
3 credit hours  
Methods and materials for teaching academic subjects (mathematics, science, social studies) to deaf/hard of hearing students at P-12 levels. Admission to the TEP required.

**SPED 477 - Language Development and Methods of Literacy Instruction for Deaf and Hard of Hearing**  
3 credit hours  
Materials and methods for language development and literacy instruction for deaf/hard of hearing students at P-12 level.

**SPED 482 - Assessment: Deaf and Hard of Hearing**  
2 credit hours  
Administration, interpretation, and implementation of test data obtained from formal and informal testing instruments and procedures. Admission to the TEP required.

**SPED 490 - Psychology and Education of the Deaf and Hard of Hearing**  
3 credit hours  
Psychological, social, and educational development of individuals who are deaf or hard of hearing across the lifespan.

**Theatre**  
*College of Fine Arts*

**THEA 101 - Freshman Applied Theatre I**  
1 credit hour  
Introduction to practicum production opportunities designed for first-semester theatre majors. Students will be assigned to different production areas by faculty supervisors in support of the theatre season. Consent of instructor required.

**THEA 120 - Introduction to Theatre**  
3 credit hours  
**General Education Course**  
Survey of drama and the art and craft of theatre practice.

**THEA 121 - Acting for Non-Majors**  
3 credit hours  
An introduction to the craft of the actor. Open to non-theatre majors only. Limited enrollment.

**THEA 122 - Honors Introduction to Theatre**  
3 credit hours  
**General Education Course**  
Students will explore and analyze the various components of the collaborative theatrical process. More specifically, they will develop skills in discussing and interpreting the "language of theatre," which involves a variety of symbol systems including verbal text, visual imagery, color, line, lighting, etc. In addition, students will gain a deeper understanding of the human experience and human behavior by exploring how theatre is created within a larger cultural and social context. Students must be enrolled in the Honors Program to register for this course.

**THEA 201 - Freshman Applied Theatre II**  
1 credit hour  
Further exploration of practicum production opportunities designed for beginning theatre majors. Students will be assigned to one major production area by faculty supervisors in support of the theatre season. Prerequisite(s): THEA 101 and consent of instructor.

**THEA 212 - Musicianship for Actors/Singers**  
3 credit hours  
Skill development in basic piano and musical sightreading for singer/actors. Consent of instructor required.

**THEA 213 - Acting I**  
3 credit hours  
Introduction to acting techniques and characterization methods, with an emphasis on stage movement and vocal work in application to limited text. Consent of instructor required.

**THEA 215 - Dance**  
3 credit hours  
This course will train students in a variety of dance styles and can be repeated every semester. Consent of instructor required.

**THEA 217 - Costume Construction**  
3 credit hours  
Application of construction methods and techniques in the creation of stageworthy costumes. Consent of instructor required.

**THEA 250 - Stagecraft I**  
3 credit hours  
Principles, techniques, and materials used in scenic construction and painting. Consent of instructor required.

**THEA 270 - Directing I**  
3 credit hours  
Principles and practice of directing for the stage, including play analysis, pre-production, casting, problem solving, and rehearsal techniques. Consent of instructor required. Prerequisite(s): THEA 213.

**THEA 300 - Play Analysis, Theory and Criticism**  
3 credit hours  
Analyzing and researching a play text for production. Consent of instructor required.
THEA 301 - Applied Theatre-Makeup
1 credit hour
Practicum opportunities within a specific area of theatrical production. Assignments allow the students to go beyond previous class work and must be arranged individually with a theatre faculty member in the area of interest. A student may receive 6 credit hours in Applied Theatre. Consent of instructor required. Prerequisite(s): Introductory-level course in the appropriate area, THEA 101 and 201.

THEA 302 - Applied Theatre-Lighting
1 credit hour
Practicum opportunities within a specific area of theatrical production. Assignments allow the students to go beyond previous class work and must be arranged individually with a theatre faculty member in the area of interest. A student may receive 6 credit hours in Applied Theatre. Consent of instructor required. Prerequisite(s): Introductory-level course in the appropriate area, THEA 101 and 201.

THEA 304 - Applied Theatre-Management
1 credit hour
Practicum opportunities within a specific area of theatrical production. Assignments allow the students to go beyond previous class work and must be arranged individually with a theatre faculty member in the area of interest. A student may receive 6 credit hours in Applied Theatre. Consent of instructor required. Prerequisite(s): Introductory-level course in the appropriate area, THEA 101 and 201.

THEA 305 - Applied Theatre-Acting
1 credit hour
Practicum opportunities within a specific area of theatrical production. Assignments allow the students to go beyond previous class work and must be arranged individually with a theatre faculty member in the area of interest. A student may receive 6 credit hours in Applied Theatre. Consent of instructor required. Prerequisite(s): Introductory-level course in the appropriate area, THEA 101 and 201.

THEA 306 - Applied Theatre-Stage Management
1 credit hour
Practicum opportunities within a specific area of theatrical production. Assignments allow the students to go beyond previous class work and must be arranged individually with a theatre faculty member in the area of interest. A student may receive 6 credit hours in Applied Theatre. Consent of instructor required. Prerequisite(s): Introductory-level course in the appropriate area, THEA 101 and 201.

THEA 307 - Applied Theatre-Scenery
1 credit hour
Practicum opportunities within a specific area of theatrical production. Assignments allow the students to go beyond previous class work and must be arranged individually with a theatre faculty member in the area of interest. A student may receive 6 credit hours in Applied Theatre. Consent of instructor required. Prerequisite(s): Introductory-level course in the appropriate area, THEA 101 and 201.

THEA 308 - Applied Theatre-Directing
1 credit hour
Practicum opportunities within a specific area of theatrical production. Assignments allow the students to go beyond previous class work and must be arranged individually with a theatre faculty member in the area of interest. A student may receive 6 credit hours in Applied Theatre. Consent of instructor required. Prerequisite(s): Introductory-level course in the appropriate area, THEA 101 and 201.

THEA 309 - Applied Theatre-Sound
1 credit hour
Practicum opportunities within a specific area of theatrical production. Assignments allow the students to go beyond previous class work and must be arranged individually with a theatre faculty member in the area of interest. A student may receive 6 credit hours in Applied Theatre. Consent of instructor required. Prerequisite(s): Introductory-level course in the appropriate area, THEA 101 and 201.

THEA 310 - Applied Theatre-Props
1 credit hour
Practicum opportunities within a specific area of theatrical production. Assignments allow the students to go beyond previous class work and must be arranged individually with a theatre faculty member in the area of interest. A student may receive 6 credit hours in Applied Theatre. Consent of instructor required. Prerequisite(s): Introductory-level course in the appropriate area, THEA 101 and 201.

THEA 312 - Audition Techniques
3 credit hours
This course prepares the student for the competitive audition process. Emphasis on selection of materials, preparation, and text analysis, appropriate preaudition, audition and post-audition behavior, and safe practices. Prerequisite(s): THEA 213.

THEA 313 - Acting II
3 credit hours
Continuation of the principles explored in Acting I, with a greater emphasis on scene work, text, and character development. Consent of instructor required. Prerequisite(s): THEA 213.

THEA 314 - Fundamentals of Theatre Design
3 credit hours
Introduction to design elements and principles as used in Theatre and Performance design. Prerequisite(s): THEA 120 or 122, and THEA 250.

THEA 315 - Acting Workshop
3 credit hours
Students will explore selected plays with the faculty instructor and Directing II students. Consent of instructor required.

THEA 318 - Costume Design I
3 credit hours
Introduction to the process of rendering costumes for period and contemporary plays. Consent of instructor required.

THEA 340 - Voice I
3 credit hours
A study of the vocal mechanism with techniques taught in specific training approaches such as Linklater, Lessac, etc.,
which will improve projection, breath control, and articulation through awareness of personal obstacles. Prerequisite(s): THEA 213.

THEA 350 - Stagecraft II
3 credit hours
Continuation of Stagecraft I, with emphasis on rigging, welding, and advanced construction and painting techniques. Prerequisite(s): THEA 250 or consent of instructor.

THEA 355 - Stage Lighting and Design
3 credit hours
Introduction to the principles, equipment, and techniques of stage lighting with one-third of the class devoted to designing lights for the stage. Consent of instructor required. Prerequisite(s): THEA 120 or 122, and 250.

THEA 360 - Scene Design I
3 credit hours
Introduction to the elements of scene design for contemporary and period plays. Prerequisite(s): THEA 120 or 122, and 250 or consent of instructor.

THEA 361 - Musical-Theatre Styles I
3 credit hours
Introduction to musical-theatre performance techniques, including song interpretation, auditioning, and staging songs in context of scenes from American musical plays. Consent of instructor required. Prerequisite(s): THEA 340.

THEA 370 - Directing II
3 credit hours
To develop further hands-on directing skills beyond the introductory level. This course will emphasize interaction with actors in the directing process, which will result in the performance of scenes. The course will go beyond the two-person scenes, and will include material that allows the student to: engage a variety of styles and forms, clearly interpret and visually conceptualize a text, increase their ability to communicate with and coach actors effectively, begin to develop a constructive rapport and open lines of communication with designers and technicians, and define an individual directorial voice and style. Consent of instructor required. Prerequisite(s): THEA 270.

THEA 371 - Playwriting I
3 credit hours
Study of dramaturgy to enlarge the new dramatist’s understanding of factors involved in play construction. Includes discussion, directed readings, and practice writing. Consent of instructor required.

THEA 380 - Stage Movement I
3 credit hours
Basic principles of movement for the stage, including beginning stage combat. Prerequisite(s): THEA 213.

THEA 382 - Mask Work
3 credit hours
Students will explore character and ensemble through the use of neutral and character mask. Consent of instructor required. Prerequisite(s): THEA 380.

THEA 390 - Stage Makeup
3 credit hours
Principles and practice of stage makeup. Consent of instructor required.

THEA 400 - Stage Combat
3 credit hours
A study of techniques for unarmed combat for the stage: the basics of slaps, punches, falls, throws, and rolls. Consent of instructor required. Prerequisite(s): THEA 380.

THEA 401 - Acting for the Camera
3 credit hours
Auditioning and performing on camera with a variety of material. Consent of instructor required. Prerequisite(s): THEA 213.

THEA 404 - Theatre and Arts Management
3 credit hours
Economics and practices of theatre and performing arts management, including audience analysis and market surveys. Consent of instructor required.

THEA 409 - Period Play Production
3 credit hours
Dramatic styles, with an emphasis on production techniques of the major periods of theatre history, including period furniture and architecture. Consent of instructor required. Prerequisite(s): THEA 250.

THEA 413 - Acting III
3 credit hours
Intensive study of approaches to Shakespearean text. Consent of instructor required. Prerequisite(s): THEA 213 and 313.

THEA 414 - Seminar: Career Preparation
3 credit hours
Practical experience in the art of marketing oneself for the profession. This course is required for all B.F.A. candidates. Consent of instructor required.

THEA 417 - Costume History
3 credit hours
A survey of period clothing and its application as stage costumes. Consent of instructor required.

THEA 418 - Costume Design II
3 credit hours
Advanced study of costume design, focusing on period plays and musicals. Prerequisite(s): THEA 318 or consent of instructor.

THEA 419 - Costume Construction II
3 credit hours
Advanced construction methods and techniques for period costumes. Consent of instructor required. Prerequisite(s): THEA 120 or 122, and 217.

THEA 422 - Musical Theatre History/Literature
3 credit hours
This course will explore the development of the American musical. Representative musicals from various periods will be studied. Prerequisite(s): THEA 361.
THEA 423 - Theatre History I
3 credit hours
Overview of the development of world theatre history and drama from antiquity to the 17th century.

THEA 424 - Theatre History II
3 credit hours
Overview of the development of world theatre history and drama from the 17th century to the present.

THEA 440 - Voice II: Diction and Dialects
3 credit hours
A study of the systematic approach to the articulation of American English and the learning of dialects. Consent of instructor required. Prerequisite(s): THEA 340.

THEA 450 - Special Theatre Seminar
3 credit hours
Special offerings on a theatre topic not covered in the curriculum. May be repeated for credit as topics vary. Consent of instructor required.

THEA 457 - Theatrical Computer Aided Drafting
3 credit hours
Introduction to the techniques and standards used in drafting theatrical scenery. Drawing by hand and CAD (Vectorworks Program) will be taught. Prerequisite(s): THEA 250 or consent of instructor.

THEA 460 - Scene Design II
3 credit hours
Advanced study of scene design for multi-set plays and musicals. Emphasis on drafting and rendering. Prerequisite(s): THEA 360 and 457 or consent of instructor.

THEA 462 - Musical Theatre Styles II
3 credit hours
Song interpretation and musical audition techniques, including in-depth integration of songs and scenes from American musical plays in a lab environment. The course culminates in a public performance/showcase of the students’ work. Consent of instructor required. Prerequisite(s): THEA 213 and 361.

THEA 463 - Musical Theatre Styles III
3 credit hours
Provides opportunities for advanced musical theatre students to explore a particular musical style in a lab environment. Consent of instructor required. Prerequisite(s): THEA 361 and 462.

THEA 465 - Senior Project
3 credit hours
Required of students seeking the B.F.A. Projects in acting, directing, design, management, etc. are completed under supervision of faculty. Consent of theatre faculty required.

THEA 470 - Directing III
3 credit hours
Intensive study of directing styles from various periods and theatrical movements. Consent of instructor required. Prerequisite(s): THEA 313 and 370.

THEA 475 - Internship
1-6 credit hours
Practical experience in a professional environment. Applications and requirements are available in departmental office. May be repeated for a total of 6 credit hours on a pass/fail basis. Consent of instructor required.

THEA 480 - Stage Movement II
3 credit hours
Continuation of THEA 380, with a greater emphasis on the physical movement and dynamics of text work and character development. Consent of instructor required. Prerequisite(s): THEA 213 and 380.

THEA 491 - Directed Study
3 credit hours
Independent, guided study in a specialized area of interest. Faculty adviser must approve research topic the semester prior to registration.

UM Falcon Scholars in Action

Interdisciplinary Studies

UM 222 - UM Falcon Scholars in Action
0-3 credit hours
Falcon Scholars in Action are selected to serve designated agencies in Shelby County for 10 hours per week. Service lasts three semesters, including fall, spring, and one summer term. Selection through an interview process.

Undergraduate Research

College of Arts and Sciences

UR 100 - Undergraduate Research
1-6 credit hours
Students engage in research, scholarship, and creative activity with faculty mentors. Projects incorporate written proposal, literature search, extensive mentor student interaction, and both oral and written reports.

UR 200 - Undergraduate Research
1-6 credit hours
Students engage in research, scholarship, and creative activity with faculty mentors. Projects incorporate written proposal, literature search, extensive mentor student interaction, and both oral and written reports.

UR 300 - Undergraduate Research
1-6 credit hours
Students engage in research, scholarship, and creative activity with faculty mentors. Projects incorporate written proposal, literature search, extensive mentor student interaction, and both oral and written reports.

UR 400 - Undergraduate Research
1-6 credit hours
Students engage in research, scholarship, and creative activity with faculty mentors. Projects incorporate written proposal, literature search, extensive mentor student interaction, and both oral and written reports.
Graduate Study

The following pages contain information specific to Graduate Study at the University of Montevallo. For specific information about Undergraduate Study at UM, turn to page 24.
The Graduate Program

Mission and Goals

Graduate study at the University of Montevallo is linked directly to the University's overall mission through providing professional programs of focused study and avenues for continuing growth to students who have made a commitment to careers in a selected number of fields. According to the Vision Statement of UM's Strategic Plan, "Our vision for graduate students builds on [the University's] undergraduate foundation, using traditional and innovative instructional methods to foster growth in specialized skills and knowledge required by practicing educators, counselors, speech-language clinicians, scholars in the humanities, and other professional leaders, within a nurturing environment steeped in the unique Montevallo experience." High-quality educational experiences are emphasized that will allow graduates to practice in and contribute to their chosen profession or field of scholarship at deeper levels of complexity, challenge, and specialization. Each program is designed to offer the graduate student opportunities to extend and apply old and new knowledge and skills and to develop greater intellectual maturity and creative independence.

All eligible graduate programs that are offered at the University of Montevallo have received professional accreditation at the state and/or national level in their given field, and all programs are supported by the University's base of liberal arts and sciences.

Graduate study at the University of Montevallo complements the undergraduate program, providing the same sense of community and quality of interaction between students and faculty. Further, the University creates an appropriate graduate environment by insuring adequate and up-to-date library resources, faculty-sponsored graduate student gatherings and paper presentations, advice from faculty regarding proper publication and conference channels, and a graduate seminar-like setting in many of its graduate classes.

Degrees and Programs

Initiated in 1955, the program has grown to include four master's degrees in eight majors and a number of concentrations, as well as the Educational Specialist degree and AA certification in two areas. The degrees offered by UM are:

- Master of Business Administration (M.B.A.)
  Business Administration
- Master of Science (M.S.)
  Speech-Language Pathology
- Master of Education (M.Ed.)
  Collaborative (Special) Education K-6
  Collaborative (Special) Education 6-12
  Collaborative (Special) Education P-12 DHH
  Counseling and Guidance
  Elementary Education (K-6)
  Instructional Leadership
  Preschool to High School Education (P-12)
  Secondary Education (6-12)
- Educational Specialist (Ed.S.)
  Instructional Technology
- Educational Specialist (Ed.S.) and Class AA Certification
  Instructional Leadership
  Teacher Leadership

Graduate Student Advisory/Focus Groups

Graduate students will be asked regularly to participate in focus group or other advisory-type activities to provide input regarding graduate programs and services. All graduate programs will be represented in these activities, which will be scheduled at least once a year.

Graduate Honors Recognition

The Annual Graduate Honors Reception, held each spring, is designated for recognizing outstanding achievement. Awards are presented to outstanding graduate students in each graduate program.

Qualified graduate students may also be invited to join most of the honorary organizations on campus, including Alpha Epsilon Lambda, Beta Gamma Sigma, Chi Sigma Iota, Phi Kappa Phi, Sigma Alpha Pi and Sigma Tau Delta.

Governance

The Board of Trustees at the University of Montevallo is charged with authority to approve the num-
The Graduate Program

umber and type of graduate degrees; the number and nature of departments, divisions, schools or colleges through which the curriculum is administered; and the extent to which the institution should offer distance learning programs.

Graduate Council

It is the responsibility of the Graduate Council to determine policy concerning the graduate program, including review and approval of new and existing graduate curricula and programs (with such actions then referred to the Provost and Vice President for Academic Affairs) and to consider such other business as may be submitted to it pertaining to graduate programs. The Graduate Council reports to the Provost and Vice President for Academic Affairs and is composed of at least one graduate faculty member from each department that has a graduate program. The Chair of the Graduate Council is elected by its members, and the academic deans, the Director of Carmichael Library, and the Director of Graduate Admissions and Records serve as ex-officio members. Upon request and approval of Graduate Council, departments with more than one graduate program may seat additional representatives by program.

The Chair of the Graduate Council shall invite each department without a graduate program but with graduate courses to be present when input/participation from that department is deemed necessary by Council.

Administration of Programs

Graduate programs are administered primarily within the academic department and the appropriate college.

Graduate Faculty

The University of Montevallo employs faculty fully qualified and highly competent to provide sound and effective graduate instruction.

Graduate Admissions and Records

The role of the Office of Graduate Admissions and Records is to collaborate with academic departments in recruitment of prospective students; to respond to inquiries and requests for information; maintain student records; and evaluate credentials for student admission, retention, and completion, using criteria established by graduate program faculty and Graduate Council.

Curriculum

Graduate Courses

All graduate courses offered by the University of Montevallo are acceptable for credit as requirements or electives applicable to at least one University degree or certificate.

Cross-Listed Courses

Some departments at the University of Montevallo occasionally offer cross-listed graduate and undergraduate courses. In these cases, the department maintains a significant difference between undergraduate and graduate instruction. This difference is indicated clearly in course syllabi. Graduate students are expected to produce acceptable levels of research and/or performance through activities such as independent research, outside readings, and more comprehensive examinations.

Course Evaluation

The evaluation of graduate instruction is addressed annually as a part of the faculty performance review. Students are provided an opportunity to give feedback on the quality of instruction through the student course evaluation process.

Alternative Delivery Formats

Graduate courses offered in non-traditional formats (e.g., concentrated or abbreviated time periods) are designed to ensure sufficient opportunity for preparation, reflection, and analysis of the subject matter with at least one calendar week of reflection and analysis for students for each semester hour of credit awarded. Levels of student knowledge and competencies are equivalent to those for courses delivered in traditional formats.
Financial Information and Services

Cashier's Office
Palmer Hall, Station 6065
Phone: (205) 665-6065

Classifications

Full-Time or Part-Time
A semester schedule of 9 or more credit hours is full-time. A semester schedule of 8 credit hours or fewer is part-time.

Alabama Residency
Tuition costs vary depending on whether or not the student is classified as a resident of Alabama Information concerning residency reclassification can be located on the University’s website.

The following individuals, in addition to students who qualify according to the University’s Residency Guidelines as listed on the University Website, shall be considered a resident, for tuition purposes:
• A Veteran using educational assistance under either chapter 30 (Montgomery G.I. Bill - Active Duty Program) or chapter 33 (Post 9/11 G.I. Bill), of title 38, United States Code, who lives in the State of Alabama while attending a school located in the State of Alabama (regardless of his/her formal State of residence) and enrolls in the school within three years of discharge from a period of active duty service of 90 days or more.
• Anyone using transferred Post - 9/11 G.I. Bill benefits (38 U.S.C. § 3319) who lives in the State of Alabama while attending a school located in the State of Alabama (regardless of his/her formal State of residence) and enrolls in the school within three years of the transferor's discharge from a period of active duty service of 90 days or more.
• A spouse or child using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311 (b) (9)) who lives in the State of Alabama while attending a school located in the State of Alabama (regardless of his/her formal State of residence) and enrolls in the school within three years of the Service member's death in the line of duty following a period of active duty service of 90 days or more.
• Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the same school. The person so described must have enrolled in the school prior to the expiration of the three-year period following discharge or death described above and must be using educational benefits under either chapter 30 or chapter 33, of title 38, United States Code.

Rate Schedule
To view the current rate schedule and fees for graduate study at the University of Montevallo, visit the University’s website.

Graduate Application Fee
A $30 non-refundable graduate application fee is required in order to process a graduate application. Payment should be submitted with the graduate application.

Activity Fee
Full-time graduate students are required to pay a student activity fee since they have the opportunity to access all services and programs funded by the fee. Included among these programs/services are student lounges; the Student Retreat facility; the Robert M. McChesney Student Activity Center; the campus newspaper, yearbook, and literary magazine; intramural sports; College Night and homecoming activities; and a variety of concerts and lectures. Graduate students are represented in the Student Government Association by one elected graduate student senator.

Audit Payment
Students may audit a class at a cost of $25 per credit hour. Audit fees are waived for persons 65 years of age and older. Auditing students should register for the course in Graduate Admissions and Records on or after the first day of class, even when the fee is waived. Written permission from the instructor is required.

Continuing Education
Charges for non-credit Continuing Education courses are not considered as tuition. Information on payment will be provided upon registration for any Continuing Education activity.

Foreign Checks Fee
A $15 fee will be charged for processing checks drawn on foreign banks.

Housing Fees
Both undergraduate and graduate students in residence halls pay an amount that includes all utilities, wireless internet, and cable television. The room assignment is for the Fall and Spring terms (unless a student moves in at the beginning of Spring term). When a student checks in to housing, she/he will be required to sign the 9-month Housing Agreement. Residents who cancel after checking in forfeit the $100 deposit, prorated monthly rent for time on campus, and pay a $500 fee.
**ID Cards**

Any student who enrolls at Montevallo is required to have a student identification card. Students are provided with information as to the time and place to be photographed for original and replacement cards. The original identification card is provided at no cost. Replacements for lost or damaged cards cost $10 each. If a student is not enrolled in classes, the ID card will cease to function.

**Late Registration**

Enrollment two weeks after the beginning of the semester requires special permission of the dean of the appropriate college.

**Returned Checks**

If a check received by the University fails to clear the bank, the person who presented the check to the University will be charged $35. If the returned check was presented on behalf of a student, the student's account will reflect all charges and fees. Thereafter, should an individual have checks that fail to clear the bank, the University reserves the right to not accept personal checks and may require cash payments.

**Room Deposit**

A $100 room deposit must be submitted at the time of application for on-campus housing. The deposit, less any debts or costs for damages to the room, will be refunded in accordance with the following stipulations.

At the conclusion of the final semester or summer term in the residence hall, the student must complete a room-deposit refund request and submit it to a hall staff member upon checkout. Students may cancel a room reservation and receive a full refund, provided that the cancellation is submitted in writing, by July 15 for Fall Semester, December 1 for Spring Semester, or May 5 for Summer Session, to the Office of Housing and Residence Life (West Main Hall, Station 6235). Students who cancel their reservations in writing after these dates and before the opening date for the residence halls receive a 50 percent refund. Students who cancel a room reservation or withdraw from the University after the opening date for the residence halls forfeit the deposit. Any exception requires approval by the Director of Housing and Residence Life.

A student who is denied admission to the University shall be eligible to receive a full refund of the room deposit. Room deposits not claimed within one year after a student leaves the residence halls shall revert to the University.

**Vehicle Registration**

All students, staff, and faculty who operate a motor vehicle on the University campus must register each year, secure a permit, and display it as directed. Student registration of a vehicle costs $35 each year. Failure to comply with guidelines may result in penalty to the vehicle operator.

**Payment of Tuition and Fees**

Payment of tuition, fees, and other charges is due by 5 p.m. of the first day of classes. Refer to the University Calendar in this Bulletin.

The University accepts cash, personal checks, and most credit cards (VISA®, MasterCard®, Discover®, American Express®) for payments. Payment can also be made by accessing the student account on the web.

**Partial Payment Plan**

For tuition, fees, room and board, the University of Montevallo offers a payment plan option administered by Nelnet Business Solutions. The payment plan option, available to all students during the Fall and Spring semesters, is a convenient alternative to lump-sum payments. It features monthly payments, no interest charges, low-cost enrollment ($40 non-refundable fee per semester), and automatic payments on scheduled dates after enrollment. Please consult the Cashier's website through University of Montevallo's website for more detailed information.

**Preregistration**

During each enrollment period, students may preregister for subsequent study if the current term is paid in full. Payment must be received on or before the announced preregistration deadline dates in order to complete registration and confirm the course schedule. Students who do not comply with payment due dates will be charged a $50 late payment fee. If payment is not received by the end of the first week of class, the student's schedule will be dropped. Students withdrawing prior to the first day of class will receive a total refund of any preregistration payment made for the term.

**Adjustments**

**Course Drops**

A student who drops a course will be reimbursed at the rate of 100 percent through the last day on which classes may be added. No adjustment will be made or a class dropped after the last day on which classes may be added. No adjustment will be made when a class is changed from credit to audit.

**Official Withdrawal**

A student who officially withdraws from enrollment at the University will have a tuition adjustment as follows:

### Fall and Spring Semesters

<table>
<thead>
<tr>
<th>Tuition credit</th>
<th>Percentage</th>
</tr>
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<tbody>
<tr>
<td>Through the second day</td>
<td>100%</td>
</tr>
<tr>
<td>Through the second week</td>
<td>90%</td>
</tr>
<tr>
<td>Through the fourth week</td>
<td>50%</td>
</tr>
<tr>
<td>Through the eighth week</td>
<td>25%</td>
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<tr>
<td>Ninth and subsequent weeks</td>
<td>0%</td>
</tr>
</tbody>
</table>
Room and board credit
Room and board will be adjusted on a pro rata basis in units of one full week. A partial week will be counted as one full week.

### May Term

<table>
<thead>
<tr>
<th>Tuition credit</th>
<th>Credit Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First day</td>
<td>100%</td>
</tr>
<tr>
<td>Through the second day</td>
<td>75%</td>
</tr>
<tr>
<td>Through the third day</td>
<td>50%</td>
</tr>
<tr>
<td>Through the fourth day</td>
<td>25%</td>
</tr>
<tr>
<td>Fifth and subsequent days</td>
<td>0%</td>
</tr>
</tbody>
</table>

### Full Summer Term (May, Summer I & II)

<table>
<thead>
<tr>
<th>Tuition credit</th>
<th>Credit Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Through the second day</td>
<td>100%</td>
</tr>
<tr>
<td>Through the third week</td>
<td>75%</td>
</tr>
<tr>
<td>Through the fourth week</td>
<td>50%</td>
</tr>
<tr>
<td>Fifth and subsequent weeks</td>
<td>25%</td>
</tr>
<tr>
<td>Sixth and subsequent days</td>
<td>0%</td>
</tr>
</tbody>
</table>

### Summer I & II

<table>
<thead>
<tr>
<th>Tuition credit</th>
<th>Credit Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First day</td>
<td>100%</td>
</tr>
<tr>
<td>Through the third day</td>
<td>75%</td>
</tr>
<tr>
<td>Through the fourth day</td>
<td>50%</td>
</tr>
<tr>
<td>Through the fifth day</td>
<td>25%</td>
</tr>
<tr>
<td>Sixth and subsequent days</td>
<td>0%</td>
</tr>
</tbody>
</table>

### Combined Summer Term (Summer I & II)

<table>
<thead>
<tr>
<th>Tuition credit</th>
<th>Credit Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First day</td>
<td>100%</td>
</tr>
<tr>
<td>Through the fourth day</td>
<td>75%</td>
</tr>
<tr>
<td>Through the tenth day</td>
<td>50%</td>
</tr>
<tr>
<td>Through the twelfth day</td>
<td>25%</td>
</tr>
<tr>
<td>Thirteenth and subsequent days</td>
<td>0%</td>
</tr>
</tbody>
</table>

Room and board credit
Room and board is charged separately for May Term, Summer I, and Summer II, and will be adjusted for withdrawing on the appropriate pro rata basis in units of one week in relation to the term. A partial week will be counted as one full week.

### Refunds for Drop or Official Withdrawal

The University and federal financial aid funding agencies receive prorated shares of the refund, according to the Federal Refund and Repayment Policy. If a credit balance remains after the financial aid programs have been repaid, this amount is refunded to the student at the campus address (for dropped courses) or at the permanent address (for official withdrawal). Students may elect to sign up for Direct Deposit.

### Financial Aid

Bob Walker  
Director of Student Financial Services  
Palmer Hall, Station 6050  
Phone: (205) 665-6050  
Fax: (205) 665-6047  
e-mail: rwalker7@montevallo.edu

To apply for financial aid, a student must file the Free Application for Federal Student Aid (FAFSA). Students are encouraged to file electronically at www.fafsa.gov by March 1 annually.

### Enrollment Status

Students will be awarded aid based on full-time enrollment (9 credit hours or more). Aid for students who are enrolled in fewer than 9 hours will be prorated based on part-time status. Internships of 5 hours will also be awarded on part-time status. Students receiving Stafford loans must be enrolled for at least 5 hours.

### Academic Standards

A student receiving financial assistance must maintain minimum academic progress toward completion of a degree or certificate. The following standards will prevail in determining minimum academic progress.

Eligibility for Title IV student financial assistance (such as federal loans) is evaluated as part of the initial application process and again at the end of each semester. In this evaluation process, all grades of W (Withdrawn), I (Incomplete), and IP (In Progress), and all courses dropped after the drop/add period will be counted as hours attempted and not passed. Determination of eligibility will be based on an historical evaluation of all hours attempted, as well as the student's grade point average. All hours accepted for transfer credit by the University will be included among those evaluated to determine eligibility.

Several scholarships require a higher minimum GPA than those required for minimum academic progress. Students who are suspended from the University for academic reasons are not considered to be making minimum academic progress. Students must average passing 67 percent of all hours attempted. Students cannot receive aid after they have attempted 150 percent of the academic work required for a degree.

### Appeals Procedure

A student who does not meet the requirements for minimum academic progress may choose to appeal to the Office of Student Financial Services for an exception on the grounds that mitigating circumstances contributed to his or her failure to meet standards. Such appeals must be in writing and should contain documentation as appropriate to support the claim of mitigating circumstances. Decisions made by the Office of
Student Financial Services relative to appeals will be sent to the student’s forUM e-mail account and will note any conditions placed upon the student for continued eligibility.

Consequences of Withdrawal

Students who are receiving any form of federal financial aid and withdraw from the University of Montevallo, either officially or unofficially, should be aware that they may be required to repay some or all of the federal funds received.

The U.S. Department of Education has determined that a student earns a percentage of the federal financial aid awarded based on the percentage of the term attended. Students who attend beyond the 60-percent point of the term are considered to have earned 100 percent of the federal aid awarded.

Federal regulations require institutions to monitor unofficial withdrawals when a student "drops out" without officially withdrawing. When a student fails all courses attempted, the University must determine if the student actually attended class and earned the grade or if the student stopped attending. A last date of attendance is submitted by faculty in order to determine whether or not a student completed the course. Students who unofficially withdraw are notified and a portion of the federal aid is returned to the federal program(s). Students are strongly advised to withdraw officially rather than "drop out" of school if attendance must cease due to unforeseen circumstances. To officially withdraw, students must contact the Registrar’s Office.

In addition, withdrawing from the University affects the Satisfactory Academic Progress standard and may affect the future receipt of federal aid.

Prior to withdrawing or otherwise ceasing to attend classes, students should contact the Office of Student Financial Services to determine the potential impact of the withdrawal. To withdraw officially, students must contact the Registrar’s Office.

Taxes

Scholarships, grants, and fellowships are considered taxable income if the amount exceeds the cost of tuition, fees, books, and course-related supplies and equipment. The student is responsible for retaining award letters and other documentation for tax-reporting purposes.

Part-Time Employment

Montevallo provides financial assistance to students through programs funded by federal or University dollars. Of these, the Federal Work-Study program (FWS) and the University Jobship Program offer part-time employment to students. During a semester, a student may work up to an average of 20 hours a week.

Students are encouraged to contact the Career Development Center regarding job openings.

Scholarships

The intent of the Dr. Terry Roberson Graduate Honors Scholarship is to support outstanding graduates of four-year institutions of higher education who are seeking a master's degree. Room, board, and fees are not included. Scholarship funds will be divided among academic departments based on the number of graduate students in each of their programs. Assistance is provided for graduate courses only. To be considered, a student must have a minimum undergraduate grade point average of 3.50 on a 4.0 scale in the chosen field of study and a minimum of 1100 on the verbal and quantitative portions (combined) of the Graduate Record Examination (GRE) or a minimum of 407 on the Miller Analogies Test (MAT) or a 550 on the GMAT Graduate Management Admission Test (GMAT). While all candidates must meet these requirements, each department may determine additional criteria for recipients. Final selections will be made by the department. Qualified students will obtain scholarship applications and renewal requests from Graduate Admissions and Records or from the website. All applications for the Graduate Honors Scholarship will be reviewed by a departmental selection committee. The department chair will inform the Director of Graduate Admissions and Records of the department's decision. The notification of award will be sent to the recipient from Graduate Admissions and Records. Scholarship applications should be received in Graduat Admissions and Records by July 1 for all awards.

The Helen Perkins Scholarship is awarded to Alternative Master's Degree Program interns. Created in memory of Registrar emeritus Helen Perkins, the scholarship is based on financial need and academic credential and recognizes the achievements of UM students who have elected to pursue careers in education. Scholarship recipient(s) will be selected by the Chair of Elementary and Secondary Programs, along with at least three education faculty members. The award amount is determined by the Chair of Elementary and Secondary Programs based on endowment earnings available for distribution. Since the scholarship is for use during the internship, there will be no possibility of renewal. Application should be made to Elementary and Secondary Programs no later than June 15 for consideration for fall and spring internships of the following academic year.

The Minority Educators Scholarship Program was established to increase the number of minority students completing teacher education programs. Graduate students who received this scholarship as undergraduates are not eligible to re-apply. Eligibility requirements include a minimum MAT score of 399 or a minimum score of 900 (old format) or 340 (new format) or better on the verbal and quantitative portions of the GRE, and a minimum grade point average of 2.5
earned in undergraduate work. Recipients must maintain a 3.0 or better grade point average on graduate work, must maintain "full-time" status, and must complete the Alternative Master's Degree Program within two years of admission. Recipients must grant an exit interview upon leaving the program. Applicants may apply in the College of Education Dean's Office. Application deadline is March 1 for the following year.

The Purdy Scholarship is awarded to selected individuals who have been admitted unconditionally to the Teacher Leader program and for their first year of enrollment only. Applicants must meet a master's degree grade point average of at least 3.25. Along with the application, applicants must submit a letter of application, a current résumé, and recommendation letters from two teachers within the applicant's school verifying exceptional performance as teachers and potential for success as Teacher Leaders. Decisions will be made by the Teacher Leader faculty and will be final. The application deadline is July 15. Contact Graduate Admissions and Records for more information.

Applications for all scholarships may be obtained in Graduate Admissions and Records. Other scholarships may be available. Contact individual departments for more information.

Loans

Visit the University website for information about student loans.

Graduate Assistantships

Graduate assistants at the University of Montevallo are students first and employees second. They have as their primary focus advanced study and ultimately the completion of a graduate degree. Therefore, the services they provide as graduate assistants should complement professional development in their chosen fields of study.

With the exception of graduate assistant coaches, graduate assistants must be enrolled as full-time students as defined in the Graduate Bulletin (unless fewer than six (6) hours are required to complete the degree in their last term). Graduate assistant coaches must be enrolled in at least 50 percent of this minimum requirement during the regular terms. All graduate assistants must be enrolled for a minimum of three (3) hours in the summer.

The application process may vary from department to department.

Graduate assistants must maintain the cumulative 3.0 grade point average required of all graduate students and must perform satisfactorily in the judgment of the employing department and supervisor.

Graduate assistants are employed on a semester basis and may be continued for no longer than three calendar years.

Graduate assistants shall be supervised directly by a full-time faculty or staff member within the employing department. Graduate assistants' responsibilities will be defined by the employing department/supervisor. Graduate assistants not completing practicum or internship requirements may not be permitted to work beyond an average of twenty (20) hours per week.

The University of Montevallo does not employ graduate assistants for teaching on a regular basis; however, occasionally, students may be employed to teach if they have a minimum of eighteen (18) graduate hours in the discipline that is to be taught and if they demonstrate proficiency in English. Graduate assistants employed to teach physical education activity courses do not have to have the eighteen (18) hours but must have the prerequisite knowledge and experience to teach the activity effectively. Graduate assistants may teach no more than six (6) hours per regular term and three (3) hours per abbreviated term.

Evaluations of the graduate assistant's performance will be completed and maintained by the employing department/supervisor.

The oversight of graduate assistants is the responsibility of the supervisor (department chair, staff supervisor, faculty supervisor) and the dean of the college in which the graduate student is employed.

Financial Assistance for Graduate Students for Professional Development

Annually some funds are set aside in the Graduate Admissions and Records budget for the support of graduate students who are engaged in professional activity, e.g., presenting papers, facilitating meetings, etc. Funds allocated for this purpose usually are targeted for the reimbursement of student expenses. Applications for assistance will be evaluated and recipients will be approved by Graduate Council. The Application for Financial Assistance for Professional Activities is available in the office of Graduate Admissions and Records or on the website.

Veterans' Benefits

Amanda Fox, Coordinator of Veterans Affairs
Palmer Hall, Station 6035
telephone: (205) 665-6035
department: (205) 665-6042
e-mail: foxat@montevallo.edu

Department of Veterans Affairs

Education Benefits

VA website: www.gibill.va.gov
National Call Center for Veterans' Education Benefits:
1-888-GIBILL-1 (1-888-442-4551)
Veterans Educational Assistance Programs

- Montgomery GI Bill-Active Duty Educational Assistance Program (Chapter 30)
- Montgomery GI Bill-Selected Reserve (Chapter 1606) Post 9/11 GI Bill (Chapter 33: Yellow Ribbon)
- Reserve Educational Assistance Program-REAP (Chapter 1607)
- Veterans Educational Assistance Program-VEAP (Chapter 32)
- Survivors' and Dependents' Educational Assistance Program (Chapter 35)
- Vocational Rehabilitation (Chapter 31)
- The Alabama G.I. and Dependents Education Benefit Act

Students interested in the Alabama G.I. and Dependents Education Benefit program should contact their county Veterans Affairs Office or the Student Financial Services Office at the University.

All degree programs at the University of Montevallo are currently approved by the State Approving Agency. The Coordinator of Veterans Affairs serves as a liaison for veterans and their dependents, assisting in obtaining benefits from the Federal Department of Veterans Affairs. This service is located in the Registrar's Office on the second floor of Palmer Hall.

The Federal Department of Veterans' Affairs determines eligibility and maintains veteran records. Students must be admitted and registered at the University before an enrollment certification can be submitted to the VA. A completed VA Request for Certification form must be returned to the Registrar's Office for each academic year. This form is available in the Registrar's Office and on the University's website.
Admission Policies and Procedures

Graduate Council will be responsible for establishing general institutional requirements (both quantitative and qualitative) for admission, retention, and completion. Admission and completion criteria for individual graduate programs (both quantitative and qualitative), especially as they differ from general institutional criteria for admission, retention, and completion, are established by program faculty.

Admission to the Master's Degree Programs

Applications and Transcripts
The University of Montevallo welcomes applications from all individuals whose experiences, interests, and academic preparation indicate potential for success in one of the graduate programs. Forms for making application and related information are available upon request by calling 205-665-6350, by e-mailing Graduate Admissions and Records at graduate@montevallo.edu, or on the University's website.

There is a non-refundable fee required for the Graduate Application, and there is a non-refundable fee required for the Alternative Master's evaluation application. Students may apply online on the University's website. Students applying to the Alternative Master's Program must complete and submit the printable Alternative Master's Program Evaluation Application, which is available on the University's website. Students may submit the Application for Graduate Study online and make payment online as well. At this time, all other forms may be downloaded and printed only.

Students applying for a master's degree program must have a bachelor's degree from a regionally accredited college or university. Collegiate work from unaccredited postsecondary institutions (or institutions that are not in candidacy status for accreditation) is not transferable to the University of Montevallo. Students who have earned an undergraduate degree from an institution not regionally accredited but who have subsequently earned a graduate degree from a regionally accredited institution may appeal to the dean of the appropriate college for special consideration. A completed application form and one official transcript from each institution of higher education attended must be sent to Graduate Admissions and Records by April 15 for Summer admission, July 15 for fall admission, and November 15 for spring admission. Please note: These dates reflect priority deadlines. Applicants may submit materials after the deadline with the understanding that submitting materials after the priority deadline does not guarantee consideration for admission for the following term. These deadlines may differ for capped and cohort programs. See individual department sections for possible differences. Even though credits from one institution may appear on the transcript of another institution, it is still necessary to submit all transcripts. Such transcripts must include evidence of graduation with a degree posted.

Applicants who have yet to complete an undergraduate degree must submit a final transcript with a degree posted before the end of the first semester of graduate coursework. Students may not take additional graduate coursework without a final transcript on file in Graduate Admissions and Records.

Credit may not be given for graduate coursework taken by a student who has not been admitted officially to the graduate program at the University of Montevallo.

Students who have been enrolled in but not completed similar graduate programs at other institutions must have left in good standing in order to be admitted to the University of Montevallo graduate program.

General Test Score Requirements
Applicants for entrance to any program must also present a satisfactory, official score on the prescribed graduate examination specified by their respective college and/or department. The test must have been taken within 5 years of the date of application for graduate study.

Unless otherwise indicated in the departmental sections of this Bulletin, the following scores will be satisfactory for admission to graduate study:

- GRE 850 (old format) or 290 (new format)
- GMAT 400
- MAT 388

The MAT is given at least once a semester at UM through the Department of Counseling and Leadership. Contact the office at 665-6380 for information on the MAT. The University of Montevallo requires the GRE General Test. Visit www.ets.org for more information about the GRE. Visit www.mba.com for information about the GMAT.

Unconditional Admission
Minimum requirements for unconditional admission to Graduate Studies are:
Admission Policies and Procedures

1. A grade point average of at least 2.5 (on a 4.0 scale) on all undergraduate work attempted or 2.75 on the last 60 hours of undergraduate work attempted (with the exception of alternative master's degree programs), unless higher grade point averages are indicated by a department; and
2. A satisfactory score on the departmentally prescribed examination(s); and
3. Satisfactory compliance with other admission requirements, which may be specified by the various departments. See the departmental sections of this Bulletin for more-specific information.

Conditional Admission

Conditional admission may be granted in some programs to an applicant who:

1. does not have a satisfactory test score; or
2. has not taken the prescribed examination(s); or
3. has not complied with other specific departmental requirements.

There is no conditional admission for the Traditional Master's Degree Program, the Alternative Master's Degree Program, or the SLP Program. Students must meet criteria for unconditional admission to each phase of the program.

Decisions on admission based on general Graduate Studies requirements are made by Graduate Admissions and Records. Decisions on admission to specific programs are made by the appropriate department and the dean of the college on the basis of requirements by Graduate Admissions and Records, college, and individual department.

A conditionally admitted student will be allowed to take no more than 12 graduate hours. Graduate credit toward a degree at the University of Montevallo will not be awarded until the requirements for unconditional admission have been met. No student who has been admitted conditionally will be allowed to register after attempting 12 hours of graduate work.

Any student who has attended another institution as a graduate student must be in good standing at that institution in order to be admitted for graduate study in the same field at the University of Montevallo. Exceptions may be made if the appropriate departmental chairperson and college dean agree that there have been mitigating circumstances.

Admission to the Educational Specialist and AA Certification Programs

Applications and Transcripts

The University of Montevallo welcomes applications from all individuals who have completed their master's degrees from a regionally accredited institution and who hold an Alabama Class A teaching certificate. Forms for making application and related information are available upon request by calling 205-665-6350, by e-mailing Graduate Admissions and Records at graduate@montevallo.edu, or online on the University's website. The completed application form, application fee, and two (2) official transcripts from the institution(s) at which the student completed other graduate work should be sent to Graduate Admissions and Records by April 15 for summer admission, February 1 (Speech-Language Pathology) and July 15 for fall admission, and November 15 for spring admission. Please note: These dates reflect priority deadlines. Applicants may submit materials after the deadline with the understanding that submitting materials after the priority deadline does not guarantee consideration for admission for the following term. SLP, English, M.B.A., Marriage and Family Counseling and Clinical Mental Health Counseling are only required to submit one (1) official transcript from each college or university. In addition UM undergraduates applying for these programs are not required to submit official transcripts. Graduate Admissions and Records will have access to their official transcripts on file with the University. If a student chooses to submit the application online through the online application process, he/she will have the opportunity to make payment through the web.

The Ed.S. degree and the AA certificate are earned simultaneously.

The following requirements must be met by all persons desiring entrance to the AA/Ed.S. program:
1. The candidate shall present proof of successful completion of a master's degree from a regionally accredited institution of higher education.
2. The candidate shall hold Class A certification in instructional leadership for the Ed.S. in Instructional Leadership. Class A certification in any teaching field or grade level designation is acceptable for the Teacher Leadership Program.
3. The candidate shall have a record of success as a teacher or support person in the area of specialization. The EXP form that is used to verify required years of teaching experience for the Instructional Leadership program and for the Teacher Leadership program may be obtained.
from Graduate Admissions and Records or through the applicant's School Board office. It must be submitted with the application for both Ed.S. programs.
4. The candidate shall meet program-specific requirements as well.
5. No credit toward the AA/Ed.S. will be awarded to students who have not been admitted officially to the program(s).

Graduate Student Support
Financial Support
Dr. Terry Roberson Graduate Honors Scholarship. The intent of the Graduate Honors Scholarship is to support outstanding graduates of four-year institutions of higher education who are seeking a master's degree. Room, board, and fees are not included. Scholarship funds will be divided among academic departments based on the number of graduate students in each of their programs. Assistance is provided for graduate courses only.

To be considered, a student must have a minimum undergraduate grade point average of 3.50 on a 4.0 scale in the chosen field of study and a minimum of 1100 on the verbal and quantitative portions (combined) of the Graduate Record Examination (GRE) or a minimum of 407 on the Miller Analogies Test (MAT) or a 550 on the GMAT Graduate Management Admission Test (GMAT). While all candidates must meet these requirements, each department may determine additional criteria for recipients. Final selections will be made by the department.

Qualified students will obtain scholarship applications and renewal requests from Graduate Admissions and Records or from the website. All applications for the Dr. Terry Roberson Graduate Honors Scholarship will be reviewed by a departmental selection committee. The department chair will inform the Director of Graduate Admissions and Records of the department's decision. The notification of award will be sent to the recipient from Graduate Admissions and Records. Scholarship applications should be received in Graduate Admissions and Records by July 1 for all awards.

Financial Assistance for Professional Activities. Annually some funds are set aside in the Graduate Admissions and Records budget for the support of graduate students who are engaged in professional activity, e.g., presenting papers, facilitating meetings, etc. Funds allocated for this purpose usually are targeted for the reimbursement of student expenses. Applications for assistance will be evaluated and recipients will be approved by the academic department and the Provost/VPAA. The Application for Financial Assistance for Professional Activities is available in the office of Graduate Admissions and Records or on the website.

Dr. Terry Roberson Graduate Assistantship Scholarship. Graduate assistants at the University of Montevallo are students first and employees second. They have as their primary focus advanced study and ultimately the completion of a graduate degree. Therefore, the services they provide as graduate assistants should complement professional development in their chosen fields of study.

With the exception of graduate assistant coaches, graduate assistants must be enrolled as full-time students as defined in the Graduate Bulletin (unless fewer than six (6) hours are required to complete the degree in their last term).

Graduate students at the University of Montevallo may apply for a limited number of Dr. Terry Roberson graduate assistantship scholarships through a competitive process administered by the Office of Graduate Admissions and Records. Graduate assistants work with faculty and staff to conduct research, deliver support services to students and/or implement special projects.

In addition to graduate assistantships, the University offers part-time employment for which graduate students may apply through the Office of Career Development Services.

Graduate assistants must maintain the cumulative 3.0 grade point average required of all graduate students and must perform satisfactorily in the judgment of the employing department and supervisor.

Graduate assistants are employed on a semester basis and may be continued for no longer than three calendar years.

Graduate assistants shall be supervised directly by a full-time faculty or staff member within the employing department. Graduate assistants' responsibilities will be defined by the employing department/supervisor. Graduate assistants not completing practicum or internship requirements may not be permitted to work beyond an average of twenty (20) hours per week.

The University of Montevallo does not employ graduate assistants for teaching.

Evaluations of the graduate assistant's performance will be completed and maintained by the employing department/supervisor.

The oversight of graduate assistants is the responsibility of the supervisor (department chair, staff supervisor, faculty supervisor) and the dean of the college in which the graduate student is employed.

Disability Support
Students who may need disability-related accommodations should contact Disability Support Services.
Special Admissions

Special Status

Special-status admission may be granted to a student under some circumstances. Special-status admission may be granted for no more than three (3) graduate hours and for no more than one term, based on a review of the student’s transcript (unofficial or official). A special-status student may register only on the day of registration. Students admitted by special status must complete their application and be admitted into a program in order to continue with graduate coursework.

Non-Degree Status

Students taking courses for personal enrichment or to comply with undergraduate certification requirements may be allowed to enroll with non-degree status. If these students later apply for admission to a graduate program, credit for the course(s) taken will be evaluated on an individual course basis.

Students who desire non-degree status must submit an official transcript with a degree posted. By the end of the first term of enrollment, official transcripts from all institutions attended must be on file in Graduate Admissions and Records.

Students Who Have Not Completed a Degree

Undergraduate students who are in the last semester of their senior year may take up to six (6) hours of graduate credit at the University of Montevallo with permission of the department chairperson and the dean of the college housing the graduate program they wish to enter. Permission is granted to a student provided he/she has sufficient content background to indicate success at the graduate level. The student must apply and be accepted to the graduate program before taking graduate courses. Course credit cannot be counted toward the undergraduate degree at the University of Montevallo.

Second Master’s Degree

A second master’s degree may be earned with a minimum of 18 semester hours of additional credit beyond the first master’s degree. Students seeking a second master’s degree must meet the entrance requirements for the program they wish to enter unless the appropriate departmental chairperson and college dean agree that those requirements or their equivalent were met in the first master’s degree. Requirements for the second degree will be decided by the department chair and approved by the college dean.

International Student Admission

The University of Montevallo welcomes qualified applicants from other countries. Questions concerning admission to a graduate program should be addressed to Graduate Admissions and Records, Station 6350, University of Montevallo, Montevallo, AL 35115, U.S.A., by e-mailing Graduate Admissions and Records at graduate@montevallo.edu, or by accessing related information on the University’s website. It is recommended that international students begin the application process at least three (3) months prior to the posted application deadline.

In addition to meeting the general admission requirements, international students are required to submit the following original credentials:

1. A completed application for admission with the required application fee;
2. Two (2) official copies of the student’s college transcripts from foreign institutions, evaluated by World Education Services, Lisbon International, Josef Silney and Associates, Inc., or other UM-recognized agency. Course equivalency is determined by the academic department chair.
3. An affidavit of financial support indicating that sufficient funds are available to the student to pay the cost of attendance. There is no financial aid program for international students at the University, nor do immigration laws permit part-time employment except in special cases.
4. A score of at least 550 on the paper-based, or a score of at least 71 on the Internet-based TOEFL. On the IELTS, the University requires a minimum overall score of 6.0, with a minimum score of 5.0 on any individual section on the academic module. Score reports should be sent to Graduate Admissions and Records, Station 6350, University of Montevallo, Montevallo, AL 35115, U.S.A. Students should write to the Educational Testing Service, P.O. Box 6155, Princeton, NJ 08540-6155, U.S.A., to complete arrangements for the TOEFL.
5. Students may find more information regarding the TOEFL at www.toefl.org.
6. Students may find more information regarding the IELTS at www.ielts.org.
7. A completed medical report by a physician, on a form provided by the University.

Note: After admission to the University, students are expected to notify the University of any change in health status that represents a potential risk to others. Students who may need disability-related accommodations may contact Disability Support Services.

Although federal immigration laws do not permit part-time employment for international students except in special instances, prospective students who
meet the requirements previously listed are encouraged to contact the University for information regarding financial aid options.

Complete international student admission information is available on the University's website.
Retention and Completion

General Regulations

The following general regulations govern both the Ed.S. and master's degree programs unless otherwise indicated here or in the departmental section of this Bulletin.

Orientation

Individual departments provide an orientation program for all part-time and full-time graduate students. This orientation program is evaluated regularly and used to enhance effective assistance to students.

Library

Graduate students may check out library books for eight (8) weeks with the initial rental. Graduate students may also renew a library book one time for an additional eight (8) weeks, making the maximum time to check out a book one semester. Students enrolled in the M.A. program are automatically given one semester for a library book rental.

Advising and Planning a Program

The University of Montevallo maintains a systematic and effective program of graduate academic advising. The departments with graduate programs at the University make decisions regarding the assignment of academic advisers, and Graduate Admissions and Records monitors, along with the adviser, the systematic academic progress of each graduate student via permanent records and an on-line student information system that includes a degree audit program. Qualified advisers with expertise in the major/concentration are assigned to students at the point of admission to the program. Academic advisers are aware of the individual goals, strengths, and needs of students, and they are trained to use on-line student records to assist them in advising.

Departments assign graduate students to advisers who have a reasonable number of advisees and the time to devote to quality graduate advising. Graduate advising is evaluated on a regular basis.

After all transcripts have been received and evaluated, students accepted into the program are assigned an adviser in the department in which they plan to major. Students should meet with their adviser immediately to plan a program of study. Any student who registers for a course after the first semester without an approved program of study does so with the understanding that the courses he or she is taking may not apply toward the degree. The full responsibility for the filing and revising of a program rests directly with the student. The student may lose credit for any courses which do not apply to the program on file. Therefore, students may not take courses from another program without written permission from their program adviser. A check of the accuracy of the program of study will be completed when students apply for the comprehensive exam.

A graduate student who took a course for undergraduate credit may not take the same course for graduate credit.

Test results and other information will be utilized by the adviser to discover any points in a student's preparation that may need strengthening, as well as special competencies that can be further developed. In order to correct deficiencies in preparation, it will sometimes be necessary for students to take undergraduate courses for which no graduate credit will be given.

Residency

All master's and specialist degrees are equivalent to at least one year of full-time graduate study, on the basis of nine hours established as a "full-time" minimum course load and twelve hours as a maximum course load. The minimum hours required for a degree then can be distributed across no less than two regular terms (fall and spring semesters) and two summer terms, constituting one calendar year.

Curriculum Requirements

The curriculum requirements for various programs are outlined in the departmental sections of this Bulletin. Exceptions to these requirements may be made through or by the appropriate department chair and college dean. No change may compromise the intent of the requirements.

Electives

Where a program permits, elective hours must be selected with the approval of the adviser.

Hour Requirements

Master's degree programs: A minimum of 30 semester hours is required for the master's degree. A full-time student who is required to write a thesis must earn a minimum of 24 semester hours in coursework. The thesis together with the coursework must total a minimum of 30 semester hours. Some degrees require more than 30 hours.

Ed.S. programs: A minimum of 30 semester hours is required for the Ed.S. Degree.

Grade Point Average

Master's degree programs: For the M.A., M.B.A., and M.S. programs, a 3.0 GPA is required on all work attempted for retention and graduation. The
Grading

Grades represent the instructor's assessment of the student's performance on classroom and laboratory assignments, as well as on essays, research papers, projects, classroom presentations, examinations, etc. Grades and grade points are earned and recorded as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grading Standard</th>
<th>Grade points/hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Below Average</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Unacceptable</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failing</td>
<td>0</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td>-</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawn</td>
<td>-</td>
</tr>
<tr>
<td>IP</td>
<td>In Progress</td>
<td>-</td>
</tr>
</tbody>
</table>

More-specific grading policies and criteria are published in individual course syllabi.

Incompletes

Grades of I (incomplete) may be given when students, because of circumstances beyond their control, are unable to complete coursework that is assigned and/or due during the last 15 calendar days of long semesters and/or the last 5 calendar days of the May and summer terms. It is the student's responsibility to make arrangements to complete remaining requirements.

All incomplete work must be finished by a date determined by the instructor and not later than the conclusion of the next long semester (i.e., for fall semester Incompletes, no later than the last day of the following spring semester; for spring term, May term, and summer term Incompletes, no later than the last day of the following fall semester). Otherwise, an I grade automatically becomes an F.

Transfer Credit

A maximum of six (6) semester hours (10 quarter hours) of graduate work, approved by the University of Montevallo, may be transferred from a regionally accredited institution. Such credit must have been earned within six years prior to the granting of the degree. No course may be transferred with a grade lower than B, and no course may be transferred with a grade of pass/fail.

Course equivalency is determined by the department chair. Transfer credit practices are consistent with American Association of Collegiate Registrars and Admissions Officers (AACRAO).

Transient Credit

A student enrolled in the graduate program at the University of Montevallo may, with the written approval of his or her adviser and college dean, be allowed to attend another university as a transient student, provided the total number of hours taken at other institutions does not exceed six (6) semester hours. Without such written approval, the University of Montevallo is under no obligation to allow credit for the courses taken. It is the responsibility of the student to see that two copies of the official transcript of the credits earned is sent to Graduate Admissions and Records immediately following completion of the course(s). No course may be transferred with a grade lower than a B.

Course Load (Regular Term)

No graduate student may enroll for more than 12 credit hours, including courses taken concurrently at other institutions, in a regular term.

Full-time: A graduate student shall be considered "full-time" if he/she is enrolled in nine (9) or more graduate hours.

Part-time: A graduate student shall be considered part-time if he/she is enrolled in fewer than nine (9) graduate hours. Unless otherwise stated, all aid is
Retention and Completion

based on enrollment as a full-time student, which is defined as 9 credit hours for graduate students. To receive federal loans, students must be enrolled at least half time. Half time for graduate students is five (5) credit hours (effective Spring Semester 2011). If a student drops below full-time, certain types of aid may be cancelled or reduced. Notify the Office of Student Financial Services if you do not enroll as a full-time student.

**Course Load (Summer Term)**

No graduate student may enroll for more than seven (7) credit hours in a summer term, or 14 credit hours in a 10-week summer session, including courses taken concurrently at other institutions.

**Full-time:** A graduate student shall be considered "full-time" if he/she is enrolled in a total of nine (9) or more graduate hours spanning May Term and the Summer Sessions.

Any student taking a full load (six hours in a four-week summer session) must pay the student activity fee.

**Part-time:** A graduate student shall be considered part-time if he/she is enrolled in five (5) graduate hours or less spanning May term and the summer sessions. Unless otherwise stated, all aid is based on enrollment as a full-time student, which is defined as 9 credit hours for graduate students. To receive federal loans, students must be enrolled at least half time. Half time for graduate students is five (5) credit hours (effective Spring Semester 2011). If a student drops below full-time, certain types of aid may be cancelled or reduced. Notify the Office of Student Financial Services if you do not enroll as a full-time student.

**Course Load (May Term)**

No graduate student may enroll for more than three (3) credit hours in a May term without special permission of the college dean.

**Enrollment Timeliness**

Students who are admitted to graduate study, either conditionally or unconditionally, and who do not enroll within two years will be required to reapply should they later decide to enroll. Curriculum and department requirements are subject to change if the student is not continuously enrolled. Programs that lead to certification fall under current ALSDE requirements and guidelines.

**Change of Major or Program**

Admission to the graduate program implies acceptance for a specific program. When a student desires to change his or her degree or major, application for the change must be made on the appropriate form, which must be obtained from Graduate Admissions and Records. This form must be completed and returned to Graduate Admissions and Records. Such applications are considered in the same manner as new applications, although credentials will not be necessary if they are already on file.

**Drop/Add Procedure**

A graduate student may drop/add courses during the specified period either on the web or through his/her academic adviser. After the established drop date, students may drop only with the permission of their college dean. Action to drop a course must be approved by the student's adviser. A student may drop a course online if the access code has been entered by his or her adviser. If an access code has not been entered, the student should contact his or her adviser. Graduate Admissions and Records will drop a course only with written approval from the student's adviser. Drop dates may vary for abbreviated terms (e.g. special workshops).

**Course Withdrawal for Non-Attendance**

In order to comply with Federal Regulations pertaining to the proper disbursement of financial aid, students are administratively withdrawn from classes which they have "never attended" as reported by instructors. Registration adjustments are made soon after the beginning of each term so that student financial accounts are updated in a timely manner. A student who attends or participates in a class for any length of time cannot be withdrawn from that class for having never attended.

Instructors are required to submit a date of last attendance for a student who receives a failing grade (F) at the conclusion of each term. These dates may be used for the purpose of adjusting student financial accounts in order to ensure compliance with financial aid regulations.

Students are ultimately responsible for their class schedules and for completing the withdrawal process within the established deadlines. No course withdrawals for non-attendance will be processed after the conclusion of the term.

**Withdrawal**

A graduate student who desires to withdraw from graduate school may do so by the withdrawal deadline for the regular or summer terms. Action to withdraw is initiated in Graduate Admissions and Records.

**Withdrawal for Extenuating Circumstances**

In the case of prolonged illness, debilitating accident, family emergency, or comparably serious personal situations that occur after the withdrawal deadline and that are beyond a student's control, the student may request a withdrawal for extenuating circumstances. A student seeking a withdrawal for extenuating circumstances must withdraw from all courses for that term; a partial withdrawal for extenuating circumstances will typically not be approved. If
a withdrawal for extenuating circumstances is granted, the student will receive a W for any course in which he/she is enrolled with a special notation on the transcript denoting extenuating circumstances.

**Process**

The student must complete the Withdrawal for Extenuating Circumstances form located on the Registrar’s web page, indicating last date of class attendance, and submit the form, along with an explanation of how the situation prevents completion of the term and documentation of the circumstances (medical documentation for student or immediate family member for whom the student is responsible, death certificate of family member, etc.). All required paperwork should be submitted to the Registrar’s Office in Palmer Hall as soon as possible but no later than 30 days following the end of the term for which the student is seeking a withdrawal for extenuating circumstances.

**Academic and Financial Considerations**

If a student receives a Withdrawal for Extenuating Circumstances, a grade of W will be assigned for each course in which the student is enrolled.

Financial considerations and academic standing should be taken into account prior to requesting a withdrawal for extenuating circumstances. Withdrawal from college may affect a student's eligibility for health insurance coverage under a parent's policy. Students should be aware that they must demonstrate Satisfactory Academic Progress (SAP) in order to avoid academic suspension and to continue to be eligible to receive financial aid. Low grades or excessive withdrawals may affect a student's continued enrollment at UM or the student's ability to receive financial aid in the future. See Satisfactory Academic Progress.

**Student Responsibilities**

Graduate students are expected to conform to the rules and regulations of the University of Montevallo. The attendance policy with regard to graduate students is handled on a student-instructor basis. The responsibility for meeting the requirements for a degree or certificate rests with the student.

**Maximum Time Limit to Complete Degree**

Students will be allowed six years from the date of enrollment to complete graduate degree programs. No course more than six years old will be accepted for credit toward a graduate degree unless the student has petitioned the department chair and the college dean for an extension. If an extension is granted, the chair and college dean will decide the validity of courses rendered more than six years old by that decision.

**Comprehensive/Exit Examinations**

Successful completion of an exit examination (oral, written, portfolio, capstone project, etc.) on all graduate work will be required of each student in partial fulfillment of requirements for the master's or Educational Specialist Degrees. Exit exams may be attempted no more than three times. The exam typically is taken when the student is within six hours of completing the program. Contact the department office for exam registration deadlines.

**Candidacy for the Degree**

The application for exit examinations, including an updated program of study, will be considered the application for candidacy for the degree, as well. Successful completion of the exit/comprehensive exam or portfolio requirement will signal candidacy for the degree.

**Diploma**

*Masters's and Ed.S. degrees:* Candidates for graduation must file an application for graduation and a diploma in Graduate Admissions and Records at least 10 weeks before graduation or eight weeks before graduation in the summer. The candidate must be present for the graduation exercises on the date assigned or register with Graduate Admissions and Records to receive the degree in absentia.

**Alabama Teacher Certification**

Students who are completing the M.Ed., Ed.S., or M.S., and who need to apply to the Alabama State Department of Education for Class A or AA certification should be aware that they have five years to apply for certification. After five years they must meet the current Alabama State approved course of study. Students may obtain certification packets in the Teacher Education Services Office.

**Special Requirements**

In addition to the general requirements, a student must meet any special requirements set up by the department offering the major. See each departmental section of this Bulletin for additional requirements.

**Student's Rights to Privacy and Access to Educational Records**

**Transcript of Academic Record**

The transcript is a student's official permanent record. The handling of transcripts and the retention and disposal of student records are in accordance with the guidelines of the American Association of Collegiate Registrars and Admissions Officers and the requirements of the Alabama University General Records Schedules.

Final grades for each term are available to students via the University's website. A printed copy of grades is available from the Registrar's Office upon
written request.

Students who have fulfilled their financial obligations to the University may obtain transcripts of their records from the Registrar's Office.

Confidentiality of Records

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are as follows:

1) The right to inspect and review the student's education records within 45 days of the day the University receives a request for access. Students should submit to the Registrar written requests that identify the record(s) they wish to inspect. The Registrar will make arrangements for access and notify the student of the time and place where the records may be inspected.

2) The right to request the amendment of the student's education records that the student believes are inaccurate or misleading. Students should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the records requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3) The right to provide written consent before the University discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without a student's prior written consent involves school officials with legitimate educational interests. A "school official" is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted who performs an institutional service or function (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; a student serving on an official committee, such as a disciplinary or grievance committee; or a student employee assisting another school official in performing his or her tasks.

A school official has a "legitimate educational interest" if the official needs to review an education record in order to fulfill his or her professional responsibilities for the University.

The University may release without consent the following directory information: name, address, e-mail address, telephone numbers, major fields of study, date of birth, participation in officially recognized activities and sports, weight and height of student-athletes, most recent educational institution attended, number of current hours in which the student is enrolled, student enrollment status (i.e. full or part-time), degrees and graduation dates, anticipated degrees and graduation dates, classification (i.e. freshman, sophomore, etc.), awards and honors, dates of attendance, and class schedule, (this latter only by the Police Chief or a designee). Students wishing to withhold directory information must fill out a "Request to Prevent Disclosure of Directory Information" form, which may be obtained in the Registrar's Office.

4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University of Montevallo to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
600 Independence Avenue, SW
Washington, D.C. 20202-4605

Any complaints or questions should be addressed to the Registrar, Registrar's Office, Palmer Hall, (205) 665-6040. There is also a complete copy of the University's FERPA policy on file in the Registrar's Office.

Policy for the Review of Research with Human Participants

The University of Montevallo has adopted the ethical principles developed by the American Psychological Association for the conduct of research with human participants. These principles apply to all research involving human subjects that meet one or more of the following criteria:

1. If the subjects or funds are obtained from within the University;
2. If the subjects or funds are obtained as a result of the researcher's association with the University;
3. If the research is conducted on the University campus;
4. If the research is sponsored or sanctioned by
the University;
5. If the name of the University is used to help disseminate the research results.

Proposed research that meets any of the above criteria will be reviewed by the Human and Animal Subjects Research Committee (HASRC) for compliance with the ethical principles toward protection of the physical and psychological safety of the research subjects.

When research is conducted by students as part of a course assignment, the course instructor may request authority from the HASRC to approve minimal-risk research. Each student conducting human subjects research should submit an ethical compliance statement to the instructor for review. Research designs that warrant further review, in the opinion of the instructor, should be submitted to the Human and Animal Subjects Research Committee. Additional information is available on the University's website.
College of Arts & Sciences

Mary Beth Armstrong, Dean
Hill House, Station 6508
telephone: (205) 665-6508
fax: (205) 665-6503
e-mail: armstrom@montevallo.edu

The College of Arts and Sciences offers the M.A. degree in English and the M.S. degree in Speech-Language Pathology. The College also offers various teaching-field courses in support of the M.Ed. in Secondary and P-12 Education.

Admission Requirements
In addition to the general requirements for admission to the UM graduate program, students may be required to meet specific requirements which will be listed under the appropriate department.

Department of Behavioral and Social Sciences
Ruth Truss, Department Chair
University of Montevallo on Main, 665-6180
e-mail: trussr@montevallo.edu

No graduate degree is offered in the department; however, students pursuing the M.Ed. in Secondary Education with a Social Science or History concentration may take the following courses to fulfill teaching-field requirements. Students who have taken the courses as an undergraduate may not receive graduate credit for those courses, with the exception of the internships and directed readings.

Courses in Behavioral and Social Sciences

Environmental Studies
ES 510 - Special Topics in Environmental Studies

Geography
GEOG 511 - Selected Topics in Geography
GEOG 566 - Political Geography

History
HIST 511 - Selected Topics in History
HIST 521 - Seminar in Medieval European History
HIST 522 - Seminar in Early Modern European History
HIST 523 - Civil Rights Movement
HIST 524 - Colonial Latin America
HIST 525 - Modern Latin America
HIST 526 - U.S.-Latin American Relations: 1820 to present
HIST 532 - History of French Film

HIST 533 - Modern Brazil
HIST 534 - Seminar in 20th Century European History
HIST 535 - History of Modern Japan
HIST 536 - Seminar in American History
HIST 541 - History of England I
HIST 542 - History of England Since 1688
HIST 547 - Medieval European History, 476-1400
HIST 548 - Renaissance and Reformation, 1300-1653
HIST 555 - The French Revolution and the Napoleonic Era, 1789-1815
HIST 558 - History of Germany, 1871-1945
HIST 560 - History of the South
HIST 561 - History of Early Modern Europe, up to 1789
HIST 565 - History of France Since 1815
HIST 570 - Colonial America
HIST 571 - Revolutionary America
HIST 572 - History of Alabama
HIST 573 - African-American History
HIST 574 - Jeffersonian-Jacksonian America
HIST 576 - Civil War and Reconstruction
HIST 577 - The Gilded Age
HIST 579 - History of Alabama's Constitutions
HIST 580 - Diplomatic History of the United States
HIST 581 - The United States, 1900-1945
HIST 582 - The United States Since 1945
HIST 583 - History of Africa
HIST 584 - U.S. Wars-Korea and Vietnam
HIST 590 - Directed Reading
HIST 595 - Internship in History

Political Science
POS 511 - Selected Topics in Political Science
POS 522 - American Political Thought
POS 543 - Middle East
POS 544 - Public Policy
POS 550 - Global Policy Studies
POS 555 - International Relations
POS 575 - Constitutional Law
POS 590 - Directed Reading
POS 595 - Government Internship

Sociology
SOC 501 - Social Gerontology
SOC 502 - Sociology of Education
SOC 511 - Selected Topics in Sociology
SOC 545 - Sex Roles, Gender, and Culture
SOC 580 - Development of Sociological Theory
SOC 590 - Independent Study in Sociology
Department of Biology, Chemistry, and Mathematics
Houston Byrd, Department Chair
Harman Hall, 665-6480
e-mail: byrdh@montevallo.edu

There is no graduate major in Biology, Chemistry, Mathematics, or General Science; however, students pursuing the M.Ed. in Secondary Education with Biology, Chemistry, Mathematics, or General Science as the area of concentration may take the courses below to fulfill the teaching field requirements.

The University of Montevallo is a member of the Marine Environmental Sciences Consortium (MESC), a public, non-profit corporation dedicated to providing marine education, research and service to the state of Alabama. These courses are offered during the summer at the Dauphin Island Sea Laboratory, Dauphin Island, Alabama. Students must register and pay tuition for these courses at the University of Montevallo. For more information concerning these courses, contact the UM liaison, Dr. Jill Wicknick, Harman Hall, (205) 665-6458.

Courses in Biology, Chemistry, and Mathematics

**Biology**
- BIO 500 - Basic Principles of Genetics
- BIO 501 - Environmental Chemistry
- BIO 502 - Chemical and Biological Polymers
- BIO 510 - Histology
- BIO 520 - Parasitology
- BIO 530 - Genetics
- BIO 535 - Developmental Biology
- BIO 540 - Evolution
- BIO 545 - Laboratory Instruction in Biology
- BIO 549 - Introduction to Human Physiology
- BIO 550 - Current Topics in Biology
- BIO 551 - Current Topics in Cell Biology
- BIO 552 - Introductory Biology Instrumentation
- BIO 554 - Advanced Biology Instrumentation
- BIO 555 - Histological Technique
- BIO 560 - Field Botany
- BIO 570 - Vertebrate Field Zoology
- BIO 571 - Plant Physiology
- BIO 572 - Animal Physiology
- BIO 575 - Special Topics in Marine Biology
- BIO 580 - Special Problems in Biology

**Chemistry**
- CHEM 501 - Environmental Chemistry
- CHEM 502 - Chemical and Biological Polymers
- CHEM 520 - Inorganic Chemistry
- CHEM 535 - Instrumental Methods in Analysis
- CHEM 540 - Laboratory Instruction in Chemistry
- CHEM 545 - Special Topics in Chemistry

**Marine Science**
- MSCI 500 - Marine Vertebrate Zoology
- MSCI 501 - Marine Biology
- MSCI 510 - Marine Invertebrate Zoology
- MSCI 520 - Coastal Ornithology
- MSCI 530 - Marine Botany
- MSCI 551 - Coastal Climatology
- MSCI 568 - Marine Behavioral Ecology
- MSCI 570 - Marine Ecology
- MSCI 575 - Marsh Ecology
- MSCI 577 - Marine Protozoology
- MSCI 580 - Special Topics in Marine Science
- MSCI 585 - Research on Special Topics

**Mathematics**
- MATH 501 - Mathematics for Teachers
- MATH 502 - Linear Algebra for Teachers
- MATH 505 - The History and Philosophy of Mathematics
- MATH 510 - Elementary Function Theory for Teachers
- MATH 521 - Complex Analysis for Teachers
- MATH 535 - Sequences and Series
- MATH 540 - Abstract Algebra
- MATH 570 - Real Analysis
- MATH 580 - Topology
- MATH 590 - Individual Study
- MATH 595 - Special Topics

**Physics**
- PHYS 540 - Laboratory Instruction in Physics
- PHYS 550 - Introductory Physics Instrumentation
- PHYS 552 - Advanced Physics Instrumentation
Department of Communication Science and Disorders

Linda C. Murdock, Chair and Graduate Program Director
George C. Wallace Speech and Language Center, (205) 665-6720
e-mail: murdocklc@montevallo.edu

Claire Edwards, Graduate Program Coordinator
George C. Wallace Speech and Language Center, (205) 665-6720
e-mail: edwardsc@montevallo.edu

The graduate program of study is available primarily for applicants with undergraduate degrees in Communication Science and Disorders (CSD) or related fields. The degree requires 5 semesters (2 years) and includes academic coursework as well as clinical practicum requirements. The Master of Science (M.S.) in Speech-Language Pathology (SLP) program at the University of Montevallo is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA) of the American Speech-Language-Hearing Association, 2200 Research Boulevard #310, Rockville, Maryland 20850, 800-498-2071 or 301-296-5700.

All applicants must have coursework equivalents in biology and physical science (chemistry or physics), statistics, and speech science. The science courses must have a lab component and be 4 credit hours. Any of these additionally listed courses not obtained at the undergraduate level must be completed in addition to the graduate curriculum while at UM.

Admissions Categories

Applicants with a degree in CSD are considered traditional applicants. Please see the Admission Requirements section below. A limited number of applicants without undergraduate degrees in CSD will be considered for nontraditional admission. Applicants in this category hold undergraduate degrees in other disciplines and either (A) have some CSD coursework, or (B) have no CSD coursework.

A. Applicants with undergraduate degrees in other disciplines who have coursework in CSD may apply to the traditional 2-year M.S. Speech-Language Pathology program under the following conditions:

1. Applicants must apply and meet the same requirements as the CSD-background applicants.
2. Applicants must complete 25 hours of clinical observation prior to entry into the M.S. program at UM.
3. Applicants must provide evidence that they have successfully completed or are currently enrolled in the following coursework in CSD by the application deadline (January 20 of the application year):

   - CSD 253 Phonetics
   - CSD 291 Normal Language Development
   - CSD 380 Anatomy & Physiology of Speech
   - CSD 393 Language Disorders
   - CSD 394 Articulation and Phonological Disorders (Speech Sound Disorders)
   - CSD 411 Audiology
   - CSD 471 Aural Rehabilitation
   - CSD 473 Medical SLP or CSD 101 Intro. to Communication Disorders
   - CSD 475 Speech Science
   - CSD 495 Voice & Fluency Disorders

B. Applicants with degrees in other disciplines with no coursework in CSD may apply to the M.S. in Speech-Language Pathology program through the 3-year nonbackground program under the following conditions:

1. Applicants must apply and meet the same requirements as the CSD-background applicants.
2. If a non-background student is accepted and enrolls, the student is considered a graduate student and is thus subject to all rules and regulations of the graduate school while taking the 2 semesters of undergraduate prerequisite courses.
3. The undergraduate prerequisite coursework for non-background students is as follows:

   - CSD 253 Phonetics
   - CSD 291 Normal Language Development
   - CSD 380 Anatomy & Physiology of Speech
   - CSD 393 Language Disorders
   - CSD 394 Articulation and Phonological Disorders (Speech Sound Disorders)
   - CSD 411 Audiology
   - CSD 471 Aural Rehabilitation
   - CSD 473 Medical SLP
   - CSD 475 Speech Science
   - CSD 495 Voice & Fluency Disorders
   - PSYC 300 Descriptive Statistics

Applicants in both non-CSD categories may be asked to provide additional information to be considered for admission.

The CSD graduate program provides all academic and practicum requirements leading to the Certificate of Clinical Competence (CCC) from the American Speech-Language-Hearing Association (ASHA) and state licensure by the Alabama Board of Examiners in Speech Pathology and Audiology (ABESPA). Students who wish to apply for a Class A teacher certification to work in the public schools would seek certification through the public school system at the time of employment.
Admission Requirements

Applicants for admission to the CSD graduate program in SLP must meet all admission requirements described in the Admissions Policies and Procedures section of this Bulletin for general unconditional admission to graduate school. Over above these requirements, Applicants to the MS SLP program are required to have a minimum 3.0 GPA both overall and on the last 60 hours completed. Applicants who do not meet this standard will not be considered. The admission test required by the CSD Department is the Graduate Records Examination (GRE). Students must have a GRE score of at least 290 to be considered for entrance into the program. The CSD graduate program does not offer conditional admission to students. The CSD Department admits new full-time graduate students only in the Fall semester and limits enrollment to up to 25 new students each year. Applicants are reviewed according to several parameters that include GPA, GRE scores, letters of recommendation, and successful completion of a personal interview with members of the CSD faculty. Visit the UM Graduate Admissions and Records webpage for admission materials, including the application and the recommendation form. Applicants will be notified by the CSD Department after the January 20 application deadline regarding scheduling an interview if deemed warranted.

All application information, including official copies of transcripts for all undergraduate work attempted, should be sent to Graduate Admissions and Records, where it is processed and then forwarded to the CSD Department. Completed applications should be received in Graduate Admissions and Records by January 20 (or the following Monday by 5 p.m. if this date falls on a weekend) to meet the deadline for Fall-term admission consideration. Review of applicants will begin February 1 and will continue until the cohort is filled. Initial acceptance letters will be mailed by early April. Students who are approved will have approximately two weeks in which to notify the Department by letter of their acceptance of a position in the graduate program. If students fail to accept, those open positions will be offered to other applicants, moving down the ranking of admission scores.

English Proficiency for Non-Native Speakers

Prospective candidates to the Master’s program in Speech-Language Pathology must meet the graduate school requirement of a minimum score of 550 on the paper-based TOEFL or a score of at least 213 on the Internet-based TOEFL. Students must obtain a score of 27 or better on the iBT speaking subtest of the TOEFL, or a 50 or better on the Test of Spoken English. For more information on the TOEFL, visit www.toefl.org.

On the IELTS, the University requires a minimum overall score of 8.0, with a minimum score of 7.0 on any individual section on the academic module. Score reports should be sent to:

Graduate Admissions and Records
Station 6350
University of Montevallo
Montevallo, AL 35115, U.S.A.

To complete arrangements for the TOEFL, students should write to:

Educational Testing Service
P.O. Box 6155
Princeton, NJ 08540-6155, U.S.A.

CSD Department Policies and Procedures

1. All academic and practicum requirements of graduate students meet ASHA Certification standards. The SLP graduate program involves five semesters of full-time work, including a summer term that includes courses in both Summer I and Summer II. The typical graduation date would be May of the second year.

2. Each graduate student is assigned to a faculty academic adviser who will guide the student through his/her entire academic and clinical program. However, fulfillment of all requirements for the graduate degree, the ASHA CCC, the state license, and teacher certification is the responsibility of the student.

3. Graduate SLP students will complete a minimum of 400 clock hours of clinical practicum (375 in direct clinical contact; 25 in observation), of which a minimum of 325 clock hours will be at the graduate level. Students may bring clinical practicum hours from their undergraduate program if they were properly supervised and meet all other ASHA Certification standards. Students transferring more than 75 graduate clock hours from another CAA-accredited institution must complete at least 325 graduate clock hours at Montevallo.

4. The CSD Department has arrangements with a number of off-campus clinical facilities (e.g., hospitals, rehabilitation centers, nursing homes, public schools, etc.) where students may obtain properly supervised clinical practicum hours. During the first Fall semester, SLP graduate students obtain practicum experience primarily within the Speech and Language Center, and will begin to obtain practicum experiences off campus as they are ready. During the fall term of the second year, graduate students are assigned part-time to approved off-campus sites. During the Spring
term of the second year, graduate students are assigned to approved full-time off-campus externships. Students work in both a pediatric and an adult medical setting for their externships. Because there are no academic courses during the externship, students may arrange an externship outside the local area with approval of the clinic director. If going outside the local area to facilities with no previous contracts with the University, the signed contracts must be returned to the department by October 1 prior to the spring externship. Out-of-state placements will require State Authorization.

Degree Requirements for Graduate SLP Students

1. The Master of Science degree in SLP requires that the student satisfactorily complete an integrated program with a minimum of 75 semester hours (including combined undergraduate and graduate courses). The Master of Science (non-thesis) program includes 40 graduate hours of required coursework plus 17 hours of clinical practicum. (Specific coursework and practicum categories follow.) The Master of Science thesis program includes 40 graduate hours of required coursework, up to six thesis hours, and 17 hours of clinical practicum. Students must maintain a minimum 3.0 GPA in the graduate program in order to remain in the program and complete the degree.

2. Following is a listing of academic coursework and clinical practicum requirements:

   Academic Coursework: 75 semester credit hours (SCH)

   A. Basic Science Coursework/Basic Sciences
      Transcript credit for each of the following areas: biological sciences, chemistry or physics, social/behavioral sciences, and statistics

   B. Basic Human Communication Processes
      Must have knowledge of basic human communication and swallowing processes, including their biological, neurological, acoustic, psychological, developmental, and linguistic and cultural bases. Must have undergraduate speech and hearing transcript credit.

   C. Professional Coursework

   Must demonstrate knowledge of the nature of speech, language, hearing, and communication disorders and differences and swallowing disorders, including the etiologies, characteristics, anatomical/physiological, acoustic, psychological, developmental, and linguistic and cultural correlates. Specific knowledge must be demonstrated in the following areas:
   - articulation
   - fluency
   - voice and resonance
   - receptive and expressive language in speaking, listening, reading, writing, and manual modalities
   - hearing and the impact on speech and language
   - swallowing
   - cognitive aspects of communication
   - social aspects of communication
   - communication modalities

   Supervised Clinical Observation and Practicum: 400 clock hours (CH)
   A. Clinical Observation (25 CH)
   B. Clinical Practicum (375 total CH)
   C. 325 CH at graduate level in SLP

3. Graduate SLP students must pass the departmental comprehensive examination for graduation with the M.S. degree. Students typically take this examination during the Fall semester of their second year of the program. Students in the thesis program submit an accepted thesis in lieu of taking a comprehensive exam. Meeting these requirements in a timely manner helps to ensure that students will meet the expected May graduation date.

Available Graduate Tracks

There are two tracks available for Speech-Language Pathology graduate students in the Department of Communication Science and Disorders.

Non-Thesis Track

Non-Thesis Track is available for students interested in pursuing a professional career in Speech-Language Pathology. Students in the Non-Thesis Track are required to complete a comprehensive examination that consists of a case-based and a multiple choice exam taken during the semester before the final externship.

Thesis Track

The Thesis Track is available for students who are primarily interested in research in communication disorders and/or interested in pursuing a doctorate in Speech-Language Pathology or a related field.
**Graduate Curriculum—Speech-Language Pathology**

The curriculum for the Master of Science in Speech-Language Pathology is designed as a five-semester (including one summer session with two terms; Summer I and Summer II) course of study for full-time students. The course sequence was approved by the CSD graduate faculty and is monitored for the student by the graduate adviser. Students typically have a clinic practicum assignment each term. The Spring semester of the second year is a full-time off-campus clinical externship.

**Curriculum Outline (40-46 academic credit hours and 17 clinical hours required)**

- CSD 501 - Neuroscience for Speech, Language, and Hearing
- CSD 502 - Research in Speech-Language Pathology
- CSD 511 - Language Development and Disorders: Birth to Five
- CSD 512 - School Age Language and Literacy
- CSD 514 - Professional Issues
- CSD 530 - Introduction to Dysphagia
- CSD 534 - Motor Speech Disorders
- CSD 539 - Augmentative and Alternative Communication
- CSD 540 - Acquired Cognitive-Communicative Disorders in Adults
- CSD 542 - Seminar in Cleft Palate and Syndromes
- CSD 543 - Seminar in Stuttering
- CSD 545 - Seminar in Voice Disorders
- CSD 546 - Seminar in Aphasia and Related Neurogenic Disorders
- CSD 547 - Speech Sound Disorders
- CSD 549 - Principles of Assessment and Diagnosis
- CSD 579 - Clinical Practicum in Speech-Language Pathology-Introductory Level
- CSD 580 - Clinical Practicum in Speech-Language Pathology-Intermediate Level I
- CSD 581 - Clinical Practicum in Speech-Language Pathology-Intermediate Level II
- CSD 582 - Clinical Practicum in Speech-Language Pathology-Intermediate Level III
- CSD 583 - Clinical Practicum in Speech-Language Pathology-Advanced Level I
- CSD 584 - Clinical Practicum in Speech-Language Pathology-Advanced Level II
- CSD 585 - Clinical Practicum in Speech-Language Pathology-Advanced Level III

**Additional Courses in Communication Science and Disorders**

- Communication Science and Disorders
  - CSD 500 - Thesis
  - CSD 548 - Seminar in Communicative Disorders
The English Department offers the Master of Arts degree, as well as courses for the Language-Arts concentration in the M.Ed. in Secondary Education. In reviewing applicants, the Department’s Graduate Committee seeks to identify students who will be fully engaged in the program and who will contribute actively to the scholarly and creative efforts of the Department and the discipline. In addition to meeting the University’s minimum standards for enrollment in the graduate program (GPA and GRE or MAT scores), the top applicants will hold a B.A. in English (or equivalent credit hours) and will submit two satisfactory letters of reference from current or past professors (or others familiar with the applicant’s scholarly potential) and a thoughtful cover letter (addressed to the Graduate Coordinator) outlining their reasons for pursuing the M.A. in English. Applicants must also submit a writing sample. The Graduate Committee will carefully consider all information when making its decision.

For the Master of Arts in English, a student will select, in consultation with the Graduate Coordinator, a total of 30 semester hours of graduate courses. The courses must be taken in the English department unless deemed appropriate by the Graduate Coordinator, and it is recommended that 6 of these hours be taken in graduate seminars (ENG 590). Additionally, the student must enroll in ENG 500 - Introduction to Graduate Studies during the first Fall Semester of their graduate study. Any exception must be approved by the department. The remaining 6 hours of the degree are earned by a Master’s Thesis and are directed by the student’s chosen thesis adviser. At the end of the program, the student will present the thesis in a public defense before members of their advising committee and the department at large.

**Courses in English and Foreign Languages**

**English**
- ENG 500 - Introduction to Graduate Studies
- ENG 504 - Literature for Young Adults
- ENG 505 - Studies in One or Two Authors
- ENG 508 - Practicum in Writing Center Tutoring
- ENG 511 - Studies in Drama
- ENG 512 - Studies in Poetry
- ENG 513 - Studies in the Novel
- ENG 514 - Studies in Short Fiction
- ENG 515 - Studies in Non-Fiction
- ENG 519 - Special Topics in Genre
- ENG 523 - Medieval Literature
- ENG 524 - Early Modern Literature
- ENG 525 - Restoration and Eighteenth-Century Literature
- ENG 526 - The Romantic Period
- ENG 527 - The Victorian Period
- ENG 528 - Modern Literature
- ENG 531 - American Literature to 1865
- ENG 532 - American Literature After 1865
- ENG 539 - Special Topics in Literature of a Region, Culture, or Period
- ENG 552 - Studies in Critical Theory
- ENG 554 - Studies in Composition and Rhetoric
- ENG 555 - Advanced English Grammar
- ENG 556 - The Writing Process: Theories and Practices
- ENG 561 - Advanced Creative Writing
- ENG 571 - African-American Literature
- ENG 572 - Literature of Plural America
- ENG 573 - Post-Colonial Literature
- ENG 574 - Anglophone Literature
- ENG 575 - Literature by Women
- ENG 589 - Selected Topics in Literature and Language
- ENG 590 - Graduate Seminar
- ENG 599 - Independent Study
- ENG 699 - Thesis

**Philosophy**
- PHIL 565 - Special Topics in Aesthetics
The Master of Business Administration (M.B.A.) degree program in the Stephens College of Business (COB) is designed to prepare graduates for careers in operational management and strategic leadership of public- and private-sector organizations. The distinction of the M.B.A. in the Stephens COB is the liberal-arts experience the University of Montevallo offers to its students. Through small class sizes, individual attention, and a focus on critical thinking, problem solving, and communication skills, the M.B.A. provides students with a unique learning experience. Along with diverse liberal-arts disciplines, the M.B.A. equips students with the necessary business knowledge, quantitative skills, and leadership expertise to be successful in the business practices of any field of study. The M.B.A. offers flexible and affordable full- or part-time evening options for coursework completion. Full-time status allows M.B.A. degree completion in one full year and can be entered in either the fall or spring term. Students and professionals may also study at their own paces on a part-time basis. For students who do not have an academic background or education in business, the Stephens COB offers all prerequisite coursework online in a convenient summer business institute, as well as in the traditional classroom format year-round.

Admission to the program requires:
(a) an undergraduate bachelor's degree from a regionally accredited college or university;
(b) an overall GPA of at least 2.5 or 2.75 on the last 60 hours of undergraduate work;
(c) a competitive score on the Graduate Management Admission Test (GMAT) or Graduate Record Exam (GRE);
(d) completion of prerequisite courses with a grade of C or better; and
(e) two letters of recommendation.

M.B.A. Program Prerequisites
The following prerequisite courses (3 credit hours each) must be completed for unconditional admission to the M.B.A. program:
- AC 221 or equivalent
- EC 232 or equivalent
- FI 372 or equivalent
- MG 361 or equivalent
- MIS 161 (or proficiency)
- MK 351 or equivalent
- QM 235 or equivalent

Accounting Majors seeking a Dual Degree Path
The Alabama State Board of Public Accountancy’s postsecondary educational hours requirement is a total of 150 completed hours in a program. In addition, the Board requires 33 specific accounting hours at the upper division level before a candidate can sit for the Uniform CPA examination. Accounting majors who meet the admission requirements listed in the graduate bulletin for the M.B.A. can earn an undergraduate degree (B.B.A.) and a graduate degree (M.B.A.) in the time frame normally required to earn a B.B.A. degree.

A student may obtain an undergraduate accounting degree with 120 credit hours and an M.B.A. degree with 30 graduate credit hours. Students who declare the graduate path towards fulfillment of the Alabama State Board of Public Accountancy’s post-secondary educational hours requirement will complete two of three cross-listed accounting courses (AC 525, 527, 528) at the graduate level and complete the remaining required M.B.A. courses. Students electing the dual degree path who have a cumulative overall undergraduate GPA of 3.5 or higher are not required to take the GMAT exam, or GRE.

Courses in Business

**Accounting**
- AC 522 - Current Issues in Accounting
- AC 525 - Not-for-Profit Accounting
- AC 527 - Income Tax II
- AC 528 - Auditing II
- AC 581 - Professional Accountancy Certification

**Economics**
- EC 532 - Managerial Economics

**Finance**
- FI 572 - Financial Management

**General Business**
- GB 509 - MBA Internship Practicum
- GB 560 - MBA Special Topics
- GB 576 - MBA Directed Study and Research

**Management**
- MG 500 - Civilization, Society, and Organizations: Issues and Ideas
MG 561 - Leadership of Human Resources and Organization Development
MG 565 - Global Organizations and Management
MG 589 - Strategic Management
MG 590 - Strategic Management Capstone

Management Information Systems
MIS 567 - Project and Information Systems

Marketing
MK 551 - Marketing Management

Quantitative Methods
QM 563 - Decision Science for Operations
Management
College of Education

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Mission
The mission of the College of Education is to promote the professional growth of students who have made a commitment to service and careers in the fields of P-12 teaching, counseling, leadership, human development, family studies, dietetics, health promotion, and retail merchandising. The College accepts as its primary role the preparation of professionals who make wise and informed decisions based on sound knowledge, applied experiences, and research-based practices.

Goals
Four broad goals guide the College of Education in positively impacting student performance, enhancing the quality of programs, and improving the efficiency of operations. The goals are to model and promote the use of emerging technology resources, to acknowledge and address the diversity of students, faculty, staff, curriculum, and field or clinical placements, to collaborate with public schools and other community agencies to positively impact P-12 student learning and client development, and to encourage the use and development of best practices in specific fields of study.

Degree Programs
The University offers an Alternative Master's degree that leads to initial teacher certification in the following areas/grade levels:
Art Education (P-12)
Biology Education (6-12)
Business-Marketing Education (6-12)
Chemistry Education (6-12)
Collaborative Education (Special Education K-6, 6-12) Deaf and Hard-of-Hearing (P-12)
Elementary Education (K-6)
English/Language Arts Education (6-12)
Family and Consumer Sciences Education (6-12)
General Science Education (6-12)
History Education (6-12)
Mathematics Education (6-12)
Music Education (P-12)
Physical Education (P-12) (NOTE: Having been placed on inactive status with the Alabama State Department of Education in spring 2016, the P-12 Physical Education program is no longer accepting new students.)
Social Science Education (6-12)

A traditional Master's degree that leads to advanced teacher certification in the following areas/grade levels is also offered:
Art Education (P-12)
Biology Education (6-12)
Chemistry Education (6-12)
Elementary Education (K-6)
English/Language Arts Education (6-12)
Family and Consumer Sciences Education (6-12)
General Science Education (6-12)
History Education (6-12)
Mathematics Education (6-12)
Music Education (P-12)
Physical Education (P-12) (Not available for incoming students)
Social Science Education (6-12)

The College offers Master's Degrees in:
Counseling (clinical mental health)
Counseling (couples and family)
Counseling (school)
Instructional Leadership
Teaching (multiple fields)

Educational Specialist Degrees are offered in:
Instructional Leadership
Instructional Technology
Teacher Leadership

Accreditation
The College is a member of the American Association of Colleges for Teacher Education and is accredited by the National Council for the Accreditation of Teacher Education (NCATE)/Council for the Accreditation of Educator Preparation (CAEP). All programs that lead to teacher or leader certification are approved by the Alabama State Board of Education. The Family and Consumer Sciences program is accredited by the American Association of Family and Consumer Sciences (AAFCS). The Counseling program is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).
Teacher Education Program (TEP) Requirements

I. Admission
Admission requirements for advanced degree programs that lead to certification vary from program to program (e.g. GPA, interview, essay, and portfolio scores; teaching certificate; years of experience; Praxis test scores). The University's certification officer verifies program admission documents.

II. Retention
Advising is essential for successful completion of advanced degree programs that lead to certification. Variation from the planned program of study created with an advisor could result in failure to be recommended for certification. Regular consultation with an advisor is needed so that students can be apprised of program revisions that result from mandated changes in State certification requirements. Graduate study is limited to six years. Requests for extensions of this time limit must be approved by the Dean of the College and could necessitate completion of additional coursework or other requirements.

A minimum overall grade point average (GPA) of 3.25 for masters and 3.5 for Ed.S., as well as course grades of C or better must be maintained during graduate studies.

Successful completion of all field, clinical, and practicum experience requirements, program key assessments, and professional dispositions assessments is necessary for retention in the TEP. The Teacher Education Program Handbook, published annually by the Office of Teacher Education Services, describes more specifically the current TEP retention requirements.

III. Internship or Residency
Successful completion of a full semester, full-time internship is required for State certification in the Alternative Master's degree program. The College, in cooperation with area school systems, has developed a comprehensive program of pre-internship field and clinical experiences in a variety of school settings. These experiences require extensive involvement in schools outside of class. Transportation is the responsibility of the student.

Successful completion of embedded field-based assignments is a required component of the traditional Master's degree and Teacher Leadership program. Both the Counseling program and the Instructional Leadership program may include practicum, internship, and residency experiences.

IV. Certification
Upon completion of a graduate degree in an approved program, a minimum overall GPA of 3.25 for masters and 3.5 for Ed.S., and a passing score on the comprehensive exam and/or portfolio are required. As applicable to the program, passing scores on Praxis and/or basic skills exams are required prior to certification. Eligible candidates may be recommended for Class Alt A, A, or AA certification in the State of Alabama. Candidates must complete an application for Alabama Teacher Certification. Instructions for completing the certification form are available through the Office of Teacher Education Services. The appropriate fees (money order or cashier's check made payable to the Alabama State Department of Education) must be submitted with the application for certification. The application for certification, fee payment, and the candidate's transcripts are forwarded to the State Department of Education. The University cannot recommend any candidate for certification that has not satisfied all Alabama and UM requirements for admission to and completion of an approved program. Students have five years after their program completion date to apply for certification.

Student Responsibilities
While the University provides an academic advisor to assist students with meeting academic requirements and planning their curriculum and courses, it is ultimately the students' primary responsibility to know the requirements for their degree, acquire current information about their academic status, and choose their curriculum and individual courses accordingly. By registering for classes, students certify that they have independently determined that the courses chosen are appropriate to meet their academic goals.

The requirements for licenses, certifications, or similar credentials (e.g. teaching certificates, etc.) issued by the government or other organizations and agencies change frequently, and students are responsible for monitoring those requirements for any changes, planning their course work accordingly, and making proper application for the credential. While the University endeavors to provide courses that qualify students to receive credentials and to keep students informed of any changes in requirements for credentials, it is ultimately the student's responsibility to monitor the requirements to ensure that their academic program meets the applicable criteria. The University has no control over the criteria for credentials issued by outside organizations and cannot guarantee that a student will receive a credential based upon coursework completed at the University.
Department of Counseling, Family & Consumer Sciences, and Kinesiology

Professor Daughhetee; Associate Professor Culpepper; Assistant Professors Bell, Bishop, Bloom, DeVane-Hart, Hanks, Harrington, Jackson, Lyles, J. Mitchell, S. Mitchell, Parker; Instructors Fennell, Petitt.

Counseling Program

The Counseling program consists of three different tracks, or emphases. All three tracks are accredited by Council for Accreditation of Counseling and Related Educational Programs (CACREP).

Clinical Mental Health Counseling

The Clinical Mental Health Counseling track is designed to prepare counselors to work in such settings as mental health centers, substance abuse treatment programs, hospitals, private practice, and community agencies. Students desiring a higher-education counseling setting should also pursue this track.

Couples and Family Counseling

The Couples and Family Counseling track is designed to prepare counselors to work systemically with couples and families in a variety of settings.

School Counseling

The School Counseling track is designed to prepare school counselors at the elementary and secondary levels. This program track has been approved by the State Board of Education for the Alabama Class A Certificate in School Counseling.

Program Admission

The Counseling program limits its enrollment to 22 new students each fall and 22 each spring. Screening begins February 1 for admission in the fall semester and September 15 for admission in the spring and continues until the cohort is filled. Applicants must have attempted either the MAT or the GRE in order to be considered and must have submitted an acceptable score [MAT (388) or GRE (290-verbal + quantitative)] within the first 12 hours of coursework in order to obtain unconditional admission.

In addition to the general admission requirements for graduate study, students applying for the Counseling program must submit an essay with their application. This essay should consist of a brief statement of long-range professional goals in counseling. The essay should be word processed and approximately two pages long. Name, program track and anticipated date of enrollment should be typed at the top of the first page. This essay will be used by the department admissions committee in selecting applicants for the program. No application will be reviewed without the essay. In addition, a personal interview with the counseling faculty will be required. Applicants will be contacted regarding the scheduling of this interview after all other application materials have been received. Candidates for School Counseling must present evidence of a clear criminal background check.

Completion Requirements

Although the following curriculum outline is similar for the clinical mental health and school counseling tracks, the track selected will determine the specific courses, as well as the practicum and internship placement. Students in the School Counseling track must complete their internship in a school setting in order to qualify for the Class A Certificate in School Counseling. School Counseling students must also earn a passing score on the Praxis II and the Basic Skills Test in order to qualify for certification. Students in the School Counseling track will be required to take a special-education course if they have not previously done so. In addition, all students must earn a satisfactory score on a written comprehensive examination covering the eight content areas required by CACREP. Students who do not pass the comprehensive exam in three attempts will be required to complete remediation determined by the faculty prior to a subsequent attempt. Each subsequent attempt will require additional remediation. A passing score must be achieved within the 6-year limit for degree completion or the degree will not be awarded. The passing score is 80 ± Standard Error of Measurement S for the test administration. All students will be required to enroll in EDC 502 and EDC 515 during their first semester in the program unless otherwise specified by a faculty advisor. Students must earn a minimum grade of C in EDC 541 in order to enroll in the internship. Students must also earn a minimum grade of B in the internship to successfully complete and graduate from the program.

Curriculum Outline for Clinical Mental Health Counseling (60 credit hours required)

A. Core Courses (30 credit hours)

EDC 502 - Theories and Techniques of Counseling
EDC 503 - Assessment in Counseling
EDC 515 - Prepracticum in Interpersonal Skills
EDC 530 - Professional, Ethical, and Legal Issues in Counseling
EDC 550 - Group Procedures in Counseling
EDC 557 - Crisis Intervention and Trauma-Informed Counseling
EDC 570 - Career and Lifestyle Development
EDF 580 - Advanced Human Growth and Development
EDF 600 - Applied Research in Education and Behavioral Sciences
EDF 620 - Social and Multicultural Foundations

B. Track Definition Courses (18 credit hours)
EDC 526 - Grief and Loss Counseling
EDC 527 - Addicted Families
EDC 536 - Family Life Skills and Consultation
EDC 546 - Clinical Work with Suicidal Clients and Families
EDC 556 - Psychopathology
EDC 596 - Clinical Mental Health Counseling

C. Approved Elective (3 credit hours)

D. Clinical Instruction (9 credit hours)
Required:
EDC 541 - Counseling Practicum
Six hours from the following courses:
EDC 581 - Counseling Internship
EDC 586 - Counseling Internship

Curriculum Outline for Couples and Family Counseling Track (60 credit hours required)

A. Core Courses (18 credit hours)
EDC 503 - Assessment in Counseling
EDC 515 - Prepracticum in Interpersonal Skills
EDC 530 - Professional, Ethical, and Legal Issues in Counseling
EDC 550 - Group Procedures in Counseling
EDC 570 - Career and Lifestyle Development
EDF 600 - Applied Research in Education and Behavioral Sciences

B. Couples and Family Studies (12 credit hours)
EDC 517 - Intimacy and Sexuality
EDC 527 - Addicted Families
EDF 620 - Social and Multicultural Foundations

Select one of the following:
FCS 502 - Advanced Marriage and Family Relationships
SOC 545 - Sex Roles, Gender, and Culture
Elective in Couples and Family Studies (3 credit hours)

C. Marriage and Family Therapy (9 credit hours)
EDC 552 - Collaborative Systemic Interventions for Children
EDC 557 - Crisis Intervention and Trauma-Informed Counseling
EDC 597 - Couples and Family Counseling

D. Human Development (9 credit hours)
EDC 502 - Theories and Techniques of Counseling
EDC 556 - Psychopathology
EDF 580 - Advanced Human Growth and Development

E. Clinical Instruction (12 credit hours)
Required:
EDC 541 - Counseling Practicum
EDC 582 - Advanced Internship in Marriage and Family Counseling
Six hours from the following:
EDC 581 - Counseling Internship
EDC 586 - Counseling Internship

Curriculum Outline for School Counseling Track (48 credit hours required)

A. Core Courses (30 credit hours)
EDC 502 - Theories and Techniques of Counseling
EDC 503 - Assessment in Counseling
EDC 515 - Prepracticum in Interpersonal Skills
EDC 530 - Professional, Ethical, and Legal Issues in Counseling
EDC 550 - Group Procedures in Counseling
EDC 557 - Crisis Intervention and Trauma-Informed Counseling
EDC 570 - Career and Lifestyle Development
EDF 580 - Advanced Human Growth and Development
EDF 600 - Applied Research in Education and Behavioral Sciences
EDF 620 - Social and Multicultural Foundations

B. Track Definition Courses (15 credit hours)
EDC 541 - Counseling Practicum
EDC 552 - Collaborative Systemic Interventions for Children
EDC 592 - School Counseling

Six hours of the following:
EDC 581 - Counseling Internship
EDC 586 - Counseling Internship

C. Approved Elective (3 credit hours)

Family and Consumer Sciences Program

FCS Education 6-12: Alternative Masters

Admission Requirements:
In addition to graduate school requirements, FCS education students must complete the Basic Skills Test and content Praxis II examination. They must also have criminal background clearance from ALSDE and complete ED 527 or equivalent.

Curriculum Outline (39 hours)
ED 502 - Secondary Students as Learners
ED 555 - Instructional Strategies I - Literacy
SPED 507 - Exceptional Learners in the P-12 and Secondary Programs
ED 541 - Teaching Family and Consumer Sciences at the Secondary Level
ED 550 - Instructional Strategies II - Models
ED 518 - Classroom Management
EDF 562 - Measurement and Evaluation in Secondary Education
ED 590 - Advanced Seminar in Secondary Education
EDI 540 - Internship in High School Teaching

Students must take 12 total graduate (500 level) hours in their teaching field, including FCS 591. Undergraduate courses with equivalent content cannot be repeated for graduate credit.

**FCS Education 6-12: Traditional Masters**

**Admission Requirements:**
In addition to general graduate school requirements, students must comply with the following:
- Students must have a Class B certificate in the same teaching field(s) in which Class A certification is sought.
- Students seeking Class A certification must present a copy of their current teaching certificate.

**Curriculum Outline (30-33 hours)**
EDF 500 - Introduction to Graduate Studies
ED 503 - Power, Politics, and Change
ED 504 - Innovative Instructional Design
ED 506 - Reaching Every Learner
ED 591 - Research Design for Classroom Teachers
ED 592 - Action Research for Classroom Teachers
SPED 507 - Exceptional Learners in the P-12 and Secondary Programs (required if not previously completed)

Select one of the following technology courses:
ED 629 - Survey of Instructional Technology Leadership
ED 670 - Seminar in Instructional Technology or equivalent

Students must take 12 total graduate (500 level) hours in their teaching field. Undergraduate courses with equivalent content cannot be repeated for graduate credit.

**P-12 Physical Education: Alternative Masters**

**Admission Requirements:**
In addition to graduate school requirements, P-12 physical education students must complete the MAT/GRE, the Basic Skills Test of the AECTP, the content Praxis II examination, and the admission interview. They must also have fingerprint clearance from ALSDE and complete ED 527, ED 547 or equivalent.

**NOTE:** Having been placed on inactive status with the Alabama State Department of Education in spring 2016, the P-12 Physical Education program is no longer accepting new students.

**Curriculum Outline (39 hours)**
ED 502 - Secondary Students as Learners
ED 518 - Classroom Management
ED 555 - Instructional Strategies I - Literacy
SPED 507 - Exceptional Learners in the P-12 and Secondary Programs (required if not previously completed)
KNES 500 - The Curriculum in Kinesiology
KNES 530 - Middle and Secondary Methods of Teaching Physical Education (6-12)

KNES 520 - Evaluation in Health and Kinesiology or
EDF 562 - Measurement and Evaluation in Secondary Education
EDI 590 - Internship in P-12 Teaching

Students must take 12 total graduate (500 level) hours in their teaching field, including KNES 589. Undergraduate courses with equivalent content cannot be repeated for graduate credit.

**P-12 Physical Education, Traditional, M.Ed.**

**Admission Requirements:**
In addition to general graduate school requirements, students must comply with the following:
- Students must have a Class B certificate in the same teaching field(s) in which Class A certification is sought.
- Students seeking Class A certification must present a copy of their current teaching certificate.

**NOTE:** Having been placed on inactive status with the Alabama State Department of Education in spring 2016, the P-12 Physical Education program is no longer accepting new students.

**Curriculum Outline (30-33 hours)**
EDF 500 - Introduction to Graduate Studies
ED 503 - Power, Politics, and Change
ED 504 - Innovative Instructional Design
ED 506 - Reaching Every Learner (or equivalent)
ED 591 - Research Design for Classroom Teachers
ED 592 - Action Research for Classroom Teachers
SPED 507 - Exceptional Learners in the P-12 and Secondary Programs

Select one of the following technology courses:
ED 629 - Survey of Instructional Technology Leadership
ED 670 - Seminar in Instructional Technology

Students must take 12 total graduate (500 level) hours in their teaching field. Undergraduate courses with equivalent content cannot be repeated for graduate credit.
Courses in Counseling, Family & Consumer Sciences, and Kinesiology

Counseling
EDC 500 - Selected Topics in Counseling
EDC 502 - Theories and Techniques of Counseling
EDC 503 - Assessment in Counseling
EDC 515 - Preparacticum in Interpersonal Skills
EDC 517 - Intimacy and Sexuality
EDC 526 - Grief and Loss Counseling
EDC 527 - Addicted Families
EDC 530 - Professional, Ethical, and Legal Issues in Counseling
EDC 536 - Family Life Skills and Consultation
EDC 541 - Counseling Practicum
EDC 542 - Fundamentals of Clinical Supervision
EDC 546 - Clinical Work with Suicidal Clients and Families
EDC 550 - Group Procedures in Counseling
EDC 552 - Collaborative Systemic Interventions for Children
EDC 556 - Psychopathology
EDC 557 - Crisis Intervention and Trauma-Informed Counseling
EDC 570 - Career and Lifestyle Development
EDC 581 - Counseling Internship
EDC 582 - Advanced Internship in Marriage and Family Counseling
EDC 586 - Counseling Internship
EDC 590 - Directed Readings
EDC 592 - School Counseling
EDC 595 - Introduction to Play Therapy
EDC 596 - Clinical Mental Health Counseling
EDC 597 - Couples and Family Counseling
EDC 598 - Independent and Informal Study
EDC 599 - Advanced Play Therapy

Family and Consumer Sciences
FCS 500 - Advanced Adolescent and Young Adult Development
FCS 502 - Advanced Marriage and Family Relationships
FCS 505 - Advanced Adult Development and Aging
FCS 520 - Family and Consumer Sciences Curriculum in Secondary Schools
FCS 521 - Seminar in Materials and Methods of Teaching Family and Consumer Sciences
FCS 530 - Family Systems
FCS 535 - Parent and Family Involvement
FCS 544 - Food Science for Educators
FCS 550 - Supervision in Family and Consumer Sciences
FCS 552 - Advanced Clothing Design: Flat Pattern
FCS 553 - Advanced Clothing Design: Draping
FCS 555 - Advanced Foods and Nutrition
FCS 560 - Family and Consumer Sciences Education Workshop
FCS 562 - Textile Economics
FCS 564 - Advanced Child- and Elder-Care Programs and Services
FCS 565 - Research in Family and Consumer Sciences
FCS 570 - Problems in Family and Consumer Sciences
FCS 572 - Quantity Foods for Educators
FCS 583 - Advanced Consumer Economics
FCS 585 - Life Cycle and Community Nutrition
FCS 587 - Foundations of Family and Consumer Sciences/Career and Technical Education
FCS 589 - Coordination and Supervision of Work-Based Learning
FCS 590 - Advanced Family Life Education
FCS 591 - Advanced Methods and Materials for Teaching Family and Consumer Sciences
FCS 594 - Implementation of Early Childhood Programs
FCS 610 - Current Programs and Trends in Foods and Nutrition
FCS 615 - Recent Developments in Clothing and Textiles
FCS 620 - Advanced Seminar in Family and Child Development

Kinesiology
KNES 500 - The Curriculum in Kinesiology
KNES 501 - Advanced Study of Methods and Techniques in Athletic Coaching
KNES 502 - Developing Creativity Outdoors
KNES 507 - Introduction to Research Methods in Health, Physical Education and Recreation
KNES 520 - Evaluation in Health and Kinesiology
KNES 521 - The Curriculum in Health
KNES 522 - The School Health Program
KNES 525 - Motor Learning and Psychological Aspects of Movement
KNES 530 - Middle and Secondary Methods of Teaching Physical Education (6-12)
KNES 531 - Organization and Administration of Athletics
KNES 540 - Seminar in Health, Physical Education and Recreation
KNES 550 - Administration of Programs of Health and Physical Education in Elementary and Secondary Schools
KNES 551 - Readings in Physical Education
KNES 555 - Wellness Leadership
KNES 575 - Adapted Physical Education for the Exceptional Child
KNES 589 - Elementary Methods in Physical Education
KNES 590 - Directed Reading or Directed Individual Study
Department of Teaching, Leadership, & Technology

Professors Cost, McEwan, Thrower, Whitsett; Associate Professors Alexiou-Ray, Bentley, Cook, Ratchford, Smajic, Smith, Suell, Williams; Assistant Professors Davis, Raulston, Samuels A., Samuels G., Shanks, Taylor; Instructor: Gilmore.

This department offers three degree options.

**Alternative Masters**
The Alternative Masters option is designed for students who have an undergraduate degree, but do not hold a teaching certificate. This option leads to a master's degree plus Class A initial certification.

**Traditional Masters**
The Traditional Masters option is designed for students who hold Class B teaching certification. This option leads to a master's degree plus Class A advanced certification.

**Educational Specialist**
The Educational Specialist option is designed for students who currently hold a Master's Degree and Class A certification. It leads to Class AA advanced certification. At this time, the Ed.S in Instructional Technology does not require a teaching certificate for admission and does not lead to Alabama's Class AA certification. It is, however, a recognized degree for salary compensation.

**Elementary Education: Alternative Masters**
Admission Requirements:
In addition to graduate school requirements, elementary education students must complete the Basic Skills Test, the content Praxis II examination, and the TEP admission interview. Students must also have criminal background clearance from ALSDE and complete ED 410, 501, SPED 508, and EDF 580 or 630.

Curriculum Outline (43 credit hours required)
ED 501 - Introduction to Teaching
EDF 561 - Measurement and Evaluation in Elementary Education
SPED 508 - Exceptional Learners in the Early Childhood and Elementary Classroom
SPED 515 - Instructional Methods in the Inclusive Early Childhood and Elementary Classroom
ED 565 - Organization and Management in the Elementary Grades
ED 581 - Advanced Methods and Materials in Early Childhood Education
ED 511 - Advanced Studies in Teaching Reading
ED 544 - Teaching Elementary School Social Studies
ED 545 - Teaching Elementary School Mathematics
ED 546 - Teaching Elementary School Language Arts
ED 547 - Technology for Today's Classroom
ED 548 - Teaching Elementary School Science
EDI 570 - Internship in Elementary Education
EDF 580 - Advanced Human Growth and Development
EDF 630 - Advanced Educational Psychology

**Elementary Education: Traditional Masters**
Admission Requirements:
In addition to general graduate school requirements, students must comply with the following:
- Students must have a Class B certificate in the same teaching field(s) in which Class A certification is sought.
- Students seeking Class A certification must present a copy of their current teaching certificate.

Curriculum Outline (30 hours)
EDF 500 - Introduction to Graduate Studies
ED 503 - Power, Politics, and Change
ED 504 - Innovative Instructional Design
ED 506 - Reaching Every Learner
ED 591 - Research Design for Classroom Teachers
ED 592 - Action Research for Classroom Teachers
SPED 508 - Exceptional Learners in the Early Childhood and Elementary Classroom (required if not previously completed)

Select one of the following technology courses:
ED 629 - Survey of Instructional Technology Leadership
ED 670 - Seminar in Instructional Technology or equivalent

Students must take 12 total graduate (500-level) hours in their teaching field.

**Education of the Deaf and Hard of Hearing, Alternative Masters**
Admission Requirements:
In addition to graduate school requirements, Collaborative DHH education students must complete the MAT/GRE, the Basic Skills Test of the AECTP, the content Praxis II examination, and the admission interview. They must also have fingerprint clearance from ALSDE and complete course prerequisites.

Course Prerequisites:
SPED 300 American Sign Language, SPED 307 Manually Coded English, SPED 398 Deaf Culture, SPED 411 Introduction to Audiology.
Curriculum Outline (40-41 hours)
ED 501 - Introduction to Teaching or ED 502 - Secondary Students as Learners
ED 506 - Reaching Every Learner
ED 527 - Technology-Based Instructional Strategies or ED 547 - Technology for Today's Classroom or equivalent
SPED 507 - Exceptional Learners in the P-12 and Secondary Programs or SPED 508 - Exceptional Learners in the Early Childhood and Elementary Classroom
SPED 562 - Assessment in Special Education
ED 538 - Teaching Math at the Secondary Level or ED 551 - Teaching Mathematics in Special Education Classrooms
EDI 562 - Internship in Hearing Impaired
SPED 515 - Instructional Methods in the Inclusive Early Childhood and Elementary Classroom
SPED 516 - Behavior Management in the Classroom
SPED 540 - Practicum in Special Education
SPED 562 - Assessment in Special Education
SPED 519 - Inclusion: Collaboration and Intervention
Select one of the following:
ED 530 - Language and Literacy Development
ED 532 - Content Area Literacy
ED 516 - Emerging Literacy in the Classroom

Collaborative 6-12: Alternative Masters
Admission Requirements:
In addition to graduate school requirements, Collaborative 6-12 education students must complete the MAT/GRE, the Basic Skills Test of the AECTP, the content Praxis II examination, and the admission interview. They must also have fingerprint clearance from ALSDE and complete ED 527.
Curriculum Outline (38 hours)
ED 502 - Secondary Students as Learners
ED 506 - Reaching Every Learner
ED 527 - Technology-Based Instructional Strategies (or equivalent)
EDF 562 - Measurement and Evaluation in Secondary Education
SPED 507 - Exceptional Learners in the P-12 and Secondary Programs
ED 538 - Teaching Math at the Secondary Level
EDI 561 - Internship in Collaborative Special Education 6-12 or EDI 563 - Internship in K-12 Collaborative Teaching
Note: EDI 563 can be taken in place of EDI 561 for students also pursuing Collaborative K-6.
SPED 515 - Instructional Methods in the Inclusive Early Childhood and Elementary Classroom
SPED 516 - Behavior Management in the Classroom
SPED 519 - Inclusion: Collaboration and Intervention
SPED 540 - Practicum in Special Education

Collaborative K-6: Alternative Masters
Admission Requirements:
In addition to graduate school requirements, Collaborative K-6 education students must complete the MAT/GRE, the Basic Skills Test of the AECTP, the content Praxis II examination, and the admission interview. They must also have fingerprint clearance from ALSDE and complete ED 527.
Curriculum Outline (34-37 hours)
ED 501 - Introduction to Teaching
ED 506 - Reaching Every Learner
ED 527 - Technology-Based Instructional Strategies (or equivalent)
EDF 561 - Measurement and Evaluation in Elementary Education
SPED 508 - Exceptional Learners in the Early Childhood and Elementary Classroom
ED 551 - Teaching Mathematics in Special Education Classrooms
EDI 560 - Internship in Collaborative Special Education K-6 or EDI 563 - Internship in K-12 Collaborative Teaching
Note: EDI 563 can be taken in place of EDI 561 for students also pursuing Collaborative K-6.
SPED 515 - Instructional Methods in the Inclusive Early Childhood and Elementary Classroom
SPED 516 - Behavior Management in the Classroom
SPED 519 - Inclusion: Collaboration and Intervention
SPED 540 - Practicum in Special Education

Select one of the following:
ED 530 - Language and Literacy Development
ED 532 - Content Area Literacy
ED 516 - Emerging Literacy in the Classroom

SPED 507 - Exceptional Learners in the P-12 and Secondary Programs
ED 538 - Teaching Math at the Secondary Level
EDI 561 - Internship in Collaborative Special Education 6-12 or EDI 563 - Internship in K-12 Collaborative Teaching
Note: EDI 563 can be taken in place of EDI 561 for students also pursuing Collaborative K-6.
SPED 515 - Instructional Methods in the Inclusive Early Childhood and Elementary Classroom
SPED 516 - Behavior Management in the Classroom
SPED 519 - Inclusion: Collaboration and Intervention
SPED 540 - Practicum in Special Education
SPED 562 - Assessment in Special Education

Select one of the following:
ED 530 - Language and Literacy Development
ED 532 - Content Area Literacy
ED 516 - Emerging Literacy in the Classroom

Secondary Education: Alternative Masters Admission Requirements:
In addition to graduate school requirements, secondary education students must complete the Basic Skills Test and the content Praxis II examination. Students must also have criminal background clearance from ALSDE and complete ED 527.

Curriculum Outline (39 hours)
ED 502 - Secondary Students as Learners
ED 555 - Instructional Strategies I - Literacy
SPED 507 - Exceptional Learners in the P-12 and Secondary Programs (required if not previously completed)
ED 535-541 Secondary Methods (1 credit hour)
ED 550 - Instructional Strategies II - Models
ED 518 - Classroom Management
EDF 562 - Measurement and Evaluation in Secondary Education
ED 590 - Advanced Seminar in Secondary Education
EDI 540 - Internship in High School Teaching

Students must take 12 total graduate (500 level) hours in their teaching field. Comprehensive areas (English/Language Arts, General Science, General Social Science) must include at least one course in two areas of the broader field. Undergraduate courses with equivalent content cannot be repeated for graduate credit.

Secondary Education: Traditional Masters Admission Requirements:
In addition to general graduate school requirements, students must comply with the following:
- Students must have a Class B certificate in the same teaching field(s) in which Class A certification is sought.
- Students seeking Class A certification must present a copy of their current teaching certificate.

Curriculum Outline (30-33 hours)
EDF 500 - Introduction to Graduate Studies
ED 503 - Power, Politics, and Change
ED 504 - Innovative Instructional Design
ED 506 - Reaching Every Learner
ED 591 - Research Design for Classroom Teachers
ED 592 - Action Research for Classroom Teachers
SPED 507 - Exceptional Learners in the P-12 and Secondary Programs (required if not previously completed)

Select one of the following technology courses:
ED 629 - Survey of Instructional Technology Leadership
ED 670 - Seminar in Instructional Technology or equivalent

Students must take 12 total graduate (500 level) hours in their teaching field. Comprehensive areas (English/Language Arts, General Science, General Social Science) must include at least one course in two areas of the broader field. Undergraduate courses with equivalent content cannot be repeated for graduate credit.

Instructional Leadership
Students in Instructional Leadership may participate in programs leading to a master's degree (M.Ed.) with initial certification (Class A), a specialist degree (Ed.S.) and advanced certification (Class AA), or a reduced hour option for certification (Class A).

Master's Degree
The following are the admission requirements for the M.Ed.
1. Passing score on either the GRE (290) or MAT (388). The test must have been taken within 5 years of the date of application for graduate study.
2. Valid Alabama Class B or Class A certificate in a teaching field or instructional support area.
3. Three years successful teaching experience.
4. A minimum grade point average of at least 2.5 (on a 4.0 scale) on all undergraduate work attempted or 2.75 on the last 60 hours of undergraduate work attempted.
5. Passing score on an admission portfolio. The portfolio will contain the following:
   a. Three (3) letters of recommendation, to include the applicant's principal or supervisor. Each local superintendent will establish requirements for recommendations from the principal and/or supervisor.
   b. Completed copy (all forms) of the most-recent performance appraisal, to include the professional development component, if available.
   c. Evidence of ability to improve student achievement
   d. Evidence of leadership and management potential, including evidence of most-recent accomplishments in the area of instructional leadership.
   e. Summary of the candidate's reasons for pursuing instructional leadership certification.
   f. Summary of what the candidate expects from the preparation program.
6. Passing score on an interview conducted by a program admission committee that includes both P-12 instructional leaders and higher-education faculty.

7. Evidence of a clear criminal background check.

A reduced-hour option (18 hours) is available in Instructional Leadership. Those individuals who already hold a master’s degree (and a valid Alabama Class A certification in a teaching field or instructional support area) and meet the admission criteria previously listed are eligible to pursue this option for Class A certification in instructional leadership.

Retention/Completion Requirements

Students must have maintained a minimum institutional GPA of 3.25 (4.0 scale) on all coursework. In addition, students must make a satisfactory score on a comprehensive examination. This requirement applies to students completing the master’s degree or the reduced hour option. Students must pass the content Praxis II in order to be recommended for Class A Certification in Instructional Leadership.

Curriculum Outline (30 credit hours required)

A. Instructional Leadership Core (15 credit hours)
   - EDL 593 - Leadership, Collaboration, and Mentoring
   - EDL 594 - Curriculum and Instructional Leadership
   - EDL 595 - Public Relations, Community Resources, and Ethics
   - EDL 596 - Fiscal and Non-fiscal Resources for Instruction
   - EDL 597 - Law, Diversity, and Resource Management

B. Research (3 credit hours)
   - EDF 540 - Applied Educational Research

C. Technology (3 credit hours)
   - EDL 577 - Technology for School Leaders

D. Foundations (6 credit hours)
   - EDF 526 - Assessment and Data Analysis for Instructional Improvement
   - EDF 620 - Social and Multicultural Foundations

E. Residency (3 credit hours)
   - EDL 599 - Residency and Capstone Seminar

Students who have not completed the special-education requirements are required to take a general survey course (SPED 507 or SPED 508), which will make the program 33 credit hours.

Specialist Degree

The Class AA certificate in Instructional Leadership will include eligibility for grades preschool through 12. Applicants must hold a valid Class A certificate in Instructional Leadership. Applicants who obtained the Class A certificate prior to the redesigned program must have three years administrative experience and must have earned a master's level Professional Educator Certificate in a teaching field or instructional support area.

Retention/Completion Requirements for AA/Ed.S.

Candidates must have a minimum cumulative grade point average of 3.50 on all coursework and a passing score on a comprehensive exam.

Curriculum Outline (30 credit hours required)

A. Theory (21 credit hours)

   Required:
   - EDL 605 - Fiscal Resources and Business Management
   - EDL 606 - Leadership and Mentor Training
   - EDL 612 - Public Relations and Community Resources
   - EDL 640 - Curriculum Problems and Issues in Instructional Leadership
   - EDL 644 - Legal and Ethical Issues
   - EDL 645 - Data-Driven Models for Curriculum Development
   - EDL 648 - Leadership for Educational Equity and Social Justice

B. Research (3 credit hours)
   - EDF 600 - Applied Research in Education and Behavioral Sciences
C. Problem Analysis Project (6 credit hours)
   EDL 650 - Systemic Planning and Design for School Improvement
   EDL 651 - Systemic Evaluation of School Improvement

   Students who have not completed the special-education requirements are required to take a general survey course (SPED 507 or SPED 508), which will make the program 33 credit hours.

Instructional Technology: Ed.S.

   The educational specialist program in Instructional Technology is for those in education-related fields who wish to learn more about the integration of instructional technology to enhance leadership, teaching, and training in their field. The degree program is open to professionals in any education-related field with an aptitude for technology use and integration. It is an innovative program that is available to professionals from P-16 educational environments as well as those in business training fields.

Admission Requirements:
   In addition to general graduate school requirements, students must comply with the following:
   1. Hold a master's degree with at least a GPA of 3.0
   2. Submit an electronic portfolio that demonstrates technical proficiency and expertise
   3. Have a minimum of one year full-time professional experience in a P-12, higher education, or similar setting and proof of current employment in the related professional field* or at least three years of full-time professional educational training/experience in a P-12, higher education, or similar setting.

Curriculum Outline (30 credit hours)
   ED 629 - Survey of Instructional Technology Leadership
   ED 601 - Instructional Design and Development, Credit
   ED 602 - Technology, Training, Coaching, and Mentoring
   ED 610 - Managing Distance Education and eLearning Systems
   ED 621 - Instructional Technology Leadership and Management, Credit
   EDL 691 - Research and Planning for School Improvement
   EDL 577 - Technology for School Leaders
   ED 693 - IT Research and Practicum

   Choose two of the following electives or any other adviser approved courses:
   ED 670 - Seminar in Instructional Technology
   EDL 645 - Data-Driven Models for Curriculum Development
   EDL 648 - Leadership for Educational Equity and Social Justice

Teacher Leadership, Ed.S.

   The Teacher Leadership AA/Ed.S. is a 30-semester-hour program designed to meet both degree and certification requirements. This program is available to teachers who hold a valid Class A Certificate from all subject areas and all grade levels. It has been approved by the State Board of Education for the Alabama Class AA certificate (levels P-12/all subject areas).

Admission Requirements for AA/Ed.S.
   1. Applicants shall hold a master's degree with an Alabama master's-level certification in any teaching field, grade level, or area of instructional support, with a minimum cumulative 3.0 grade point average. Applicants must have at least 3 years of teaching experience and must submit an EXP form completed by their school board.
   2. Applicants must submit a copy of their Class A certificate.
   3. Recommendation Forms are also required.
   4. Professional portfolio is also required.

Retention/Completion Requirements for AA/Ed.S.
   1. A minimum cumulative grade point average of 3.5.
   2. A passing score on a comprehensive assessment, which includes action research documentation and formal presentation.

Curriculum Outline (30 credit hours required)
   Leadership and Policy Study (9 credit hours)
   EDL 606 - Leadership and Mentor Training
   EDL 645 - Data-Driven Models for Curriculum Development
   EDL 648 - Leadership for Educational Equity and Social Justice

   School and Community Resources (6 credit hours)
   EDL 612 - Public Relations and Community Resources
   EDL 643 - The School Climate

   Professional Practice and School Improvement (9 credit hours)
   EDL 690 - Teacher Leadership for the 21st Century
   EDL 691 - Research and Planning for School Improvement
   EDL 692 - Implementation and Evaluation of School Improvement

   Electives (6 credit hours)
   Students may select two 600-level adviser approved graduate courses.

   Students who have not completed the special-education requirements are required to take a general survey course (SPED 507 or SPED 508), which will
make the program 33 credit hours.

**P-12 Art Education: Alternative Masters**

**Admission Requirements:**
In addition to graduate school requirements, P-12 art education students must complete the Basic Skills Test and the content Praxis II examination. Students must also have criminal background clearance from ALSDE and complete ED 527.

**Curriculum Outline (39 hours)**
ED 502 - Secondary Students as Learners  
ED 555 - Instructional Strategies I - Literacy  
SPED 507 - Exceptional Learners in the P-12 and Secondary Programs  
ED 535 - Teaching Art at the Secondary Level  
ED 550 - Instructional Strategies II - Models  
ED 518 - Classroom Management  
EDF 562 - Measurement and Evaluation in Secondary Education  
ED 590 - Advanced Seminar in Secondary Education  
EDI 590 - Internship in P-12 Teaching

Students must take 12 total graduate (500 level) hours in their teaching field, including ART 551. Undergraduate courses with equivalent content cannot be repeated for graduate credit.

**P-12 Art Education: Traditional Masters**

**Admission Requirements:**
In addition to general graduate school requirements, students must also present a copy of a valid Alabama Class B certificate in the same teaching field(s) in which Class A certification is sought.

**Curriculum Outline (33-36 hours)**
EDF 500 - Introduction to Graduate Studies  
ED 503 - Power, Politics, and Change  
ED 504 - Innovative Instructional Design  
ED 506 - Reaching Every Learner  
ED 629 – Survey of Instructional Technology Leadership or  
ED 670 – Seminar in Instructional Technology  
ED 591 - Research Design for Classroom Teachers  
ED 592 - Action Research for Classroom Teachers  
SPED 507 - Exceptional Learners in the P-12 and Secondary Programs (required if not previously completed)

Students must take 12 total graduate (500 level) hours in their teaching field. Undergraduate courses with equivalent content cannot be repeated for graduate credit.

**P-12 Music Education (Instrumental or Vocal): Alternative Masters**

**Admission Requirements:**
In addition to graduate school requirements, P-12 music education students must complete the Basic Skills Test and the content Praxis II examination. Students must also have criminal background clearance from ALSDE and complete ED 527. Music majors are also required to audition with music program faculty.

**Curriculum Outline (39 hours)**
ED 502 - Secondary Students as Learners  
ED 555 - Instructional Strategies I - Literacy  
SPED 507 - Exceptional Learners in the P-12 and Secondary Programs  
EDF 580 - Advanced Human Growth and Development  
ED 518 - Classroom Management  
EDF 562 - Measurement and Evaluation in Secondary Education  
MUS 549 – Advanced Music Methodology  
EDI 590 - Internship in P-12 Teaching

**Teaching Field Courses:**
(These courses are taught during alternating years in summer terms only.)  
MUS 520 - History and Philosophy of Music Education  
MUS 530 - Advanced Music History  
MUS 557 - Advanced Stylistic Analysis  
MUS 576 - Music Education Seminar

**P-12 Music Education (Instrumental or Vocal): Traditional Masters**

In addition to general graduate school requirements, students must also present a copy of a valid Alabama Class B certificate in the same teaching field(s) in which Class A certification is sought.

**Curriculum Outline (30 hours)**
EDF 500 - Introduction to Graduate Studies  
ED 503 - Power, Politics, and Change  
ED 504 - Innovative Instructional Design  
ED 506 - Reaching Every Learner  
ED 629 – Survey of Instructional Technology Leadership or  
ED 670 – Seminar in Instructional Technology  
ED 591 - Research Design for Classroom Teachers  
ED 592 - Action Research for Classroom Teachers  
SPED 507 - Exceptional Learners in the P-12 and Secondary Programs (required if not previously completed)

**Teaching Field Courses:**
(These courses are taught during alternating years)
Courses in Teaching, Leadership, & Technology

Education
ED 501 - Introduction to Teaching
ED 502 - Secondary Students as Learners
ED 503 - Power, Politics, and Change
ED 504 - Innovative Instructional Design
ED 506 - Reaching Every Learner
ED 511 - Advanced Studies in Teaching Reading
ED 514 - Creative Arts for the Classroom Teacher
ED 516 - Emerging Literacy in the Classroom
ED 517 - Teaching Writing in Today's Classrooms
ED 518 - Classroom Management
ED 525 - Assessment and Planning for Reading Instruction
ED 527 - Technology-Based Instructional Strategies
ED 530 - Language and Literacy Development
ED 532 - Content Area Literacy
ED 533 - English Language Learners in Today's Classrooms
ED 535 - Teaching Art at the Secondary Level
ED 536 - Teaching English/Language Arts at the Secondary Level
ED 537 - Teaching General Science at the Secondary Level
ED 538 - Teaching Math at the Secondary Level
ED 539 - Teaching Social Sciences at the Secondary Level
ED 540 - Teaching Business at the Secondary Level
ED 541 - Teaching Family and Consumer Sciences at the Secondary Level
ED 543 - Teaching Foreign Language at the Secondary Level
ED 544 - Teaching Elementary School Social Studies
ED 545 - Teaching Elementary School Mathematics
ED 546 - Teaching Elementary School Language Arts
ED 547 - Technology for Today's Classroom
ED 548 - Teaching Elementary School Science
ED 549 - Selected Topics in Early Childhood and Elementary Education
ED 550 - Instructional Strategies II - Models
ED 551 - Teaching Mathematics in Special Education Classrooms
ED 555 - Instructional Strategies I - Literacy
ED 556 - Improving Instruction in Elementary Language Arts
ED 557 - Thinking Mathematically in the Elementary Classroom
ED 559 - Elementary Social Studies and the Integrated Curriculum
ED 565 - Organization and Management in the Elementary Grades
ED 570 - Selected Topics in Technology
ED 571 - Selected Topics in ELL/Special Education
ED 574 - Thinking Geographically in the Elementary Classroom
ED 575 - Environmental Education for ECE/Elementary Teachers
ED 581 - Advanced Methods and Materials in Early Childhood Education
ED 590 - Advanced Seminar in Secondary Education
ED 591 - Research Design for Classroom Teachers
ED 592 - Action Research for Classroom Teachers
ED 598 - Independent and Informal Study
ED 599 - Practicum in Elementary or Secondary School Settings
ED 601 - Instructional Design and Development, Credit
ED 602 - Technology, Training, Coaching, and Mentoring
ED 610 - Managing Distance Education and eLearning Systems
ED 621 - Instructional Technology Leadership and Management, Credit
ED 629 - Survey of Instructional Technology Leadership
ED 670 - Seminar in Instructional Technology
ED 693 - IT Research and Practicum
ED 698 - Independent and Informal Study

Foundations
EDF 500 - Introduction to Graduate Studies
EDF 505 - Introduction to Social and Multicultural Education
EDF 510 - Comparative Educational Systems
EDF 516 - Theory and Practice of Communication Skills
EDF 526 - Assessment and Data Analysis for Instructional Improvement
EDF 531 - Problems and Issues in Public Education
EDF 540 - Applied Educational Research
EDF 551 - Selected Topics in Foundations of Professional Studies
EDF 561 - Measurement and Evaluation in Elementary Education
EDF 562 - Measurement and Evaluation in Secondary Education
EDF 580 - Advanced Human Growth and Development
EDF 600 - Applied Research in Education and Behavioral Sciences
EDF 620 - Social and Multicultural Foundations
EDF 630 - Advanced Educational Psychology
EDF 631 - Problems and Issues in Public Education

Internship
EDI 540 - Internship in High School Teaching
EDI 560 - Internship in Collaborative Special Education K-6
EDI 561 - Internship in Collaborative Special Education 6-12
EDI 562 - Internship in Hearing Impaired
EDI 563 - Internship in K-12 Collaborative Teaching
EDI 570 - Internship in Elementary Education
EDI 590 - Internship in P-12 Teaching

Leadership
EDI 577 - Technology for School Leaders
EDI 593 - Leadership, Collaboration, and Mentoring
EDI 594 - Curriculum and Instructional Leadership
EDI 595 - Public Relations, Community Resources, and Ethics
EDI 596 - Fiscal and Non-fiscal Resources for Instruction
EDI 597 - Law, Diversity, and Resource Management
EDI 598 - Independent and Informal Study
EDI 599 - Residency and Capstone Seminar
EDI 605 - Fiscal Resources and Business Management
EDI 606 - Leadership and Mentor Training
EDI 612 - Public Relations and Community Resources
EDI 640 - Curriculum Problems and Issues in Instructional Leadership
EDI 643 - The School Climate
EDI 644 - Legal and Ethical Issues
EDI 645 - Data-Driven Models for Curriculum Development
EDI 648 - Leadership for Educational Equity and Social Justice
EDI 650 - Systemic Planning and Design for School Improvement
EDI 651 - Systemic Evaluation of School Improvement
EDI 690 - Teacher Leadership for the 21st Century
EDI 691 - Research and Planning for School Improvement
EDI 692 - Implementation and Evaluation of School Improvement
EDI 698 - Independent and Informal Study

Special Education
SPED 507 - Exceptional Learners in the P-12 and Secondary Programs
SPED 508 - Exceptional Learners in the Early Childhood and Elementary Classroom
SPED 515 - Instructional Methods in the Inclusive Early Childhood and Elementary Classroom
SPED 516 - Behavior Management in the Classroom
SPED 519 - Inclusion: Collaboration and Intervention
SPED 540 - Practicum in Special Education
SPED 562 - Assessment in Special Education
SPED 576 - Methods of Teaching Academic Subjects to the Deaf and Hard of Hearing
SPED 577 - Language Development and Methods of Literacy Instruction for Deaf and Hard of Hearing
SPED 582 - Assessment: Deaf and Hard of Hearing
SPED 590 - Psychology and Education of the Deaf and Hard of Hearing
The College of Fine Arts offers no graduate degree but collaborates with the College of Education in art and music education—both alternative and traditional programs (M.Ed.). For information on these degree programs, refer to the Art and Music sections that follow. For further information on certification, refer to the appropriate section under the College of Education.

Department of Art
Scott Stephens, Department Chair
Bloch Hall, 665-6400
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There is no graduate major in art; however, the College of Education offers the M.Ed. degree in P-12 Education with a concentration in Art that leads to the Alabama Class A P-12 certificate. The College of Education also offers the Alternative Master's Degree Program (master's degree plus certification in P-12 art education). For further information, see the appropriate section under the College of Education. The following courses may be used to fulfill the subject matter and methods course requirements. Most courses will involve the graduate student in the mastery of skills and techniques available on the undergraduate level. In addition to the knowledge and skills required of every art student involved in the course, all graduate students shall be responsible for a graduate component.

The Department of Art reserves the right to reproduce examples of student artwork in its web page, and any other promotional materials that the department produces or approves.

Courses in Art
ART 500 - Advanced Graphic Design: Studio
ART 502 - History of Italian Renaissance Art
ART 503 - Contemporary Art
ART 505 - Art and the Environment
ART 506 - History of Photography
ART 508 - Directed Research in Art History
ART 510 - Mixed Media
ART 514 - Graduate Drawing: Materials and Concepts
ART 516 - Graduate Drawing: Color
ART 524 - Graduate Ceramics I
ART 525 - Graduate Ceramics II
ART 526 - Special Topics in Studio
ART 528 - Graduate Painting: Materials and Techniques
ART 529 - Graduate Painting: Narrative
ART 530 - Graduate Printmaking: Lithography
ART 531 - Graduate Printmaking: Relief
ART 532 - Graduate Printmaking: Photo- Etching
ART 551 - Art for Elementary and Secondary Education (P-12)
ART 561 - Graduate New Media: Digital Printing
ART 570 - Graduate Sculpture: Metal Casting
ART 571 - Graduate Sculpture: Stone Carving
ART 576 - Graduate Sculpture: Sheet-Metal Fabrication
ART 580 - Performance and Installation Art
ART 585 - Graduate Photography I
ART 586 - Graduate Photography II Processes
ART 592 - Graduate Portfolio

Department of Music
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There is no graduate major in music; however, the College of Education offers the M.Ed. degree in P-12 Education with a concentration in Music that leads to the Alabama Class A P-12 certificate. The College of Education also offers the Alternative Master’s Degree Program (master's degree plus certification in P-12 music education). For further information, see the appropriate section under the College of Education. The following courses fulfill the subject matter and methods course requirements.

Courses in Music
MUS 520 - History and Philosophy of Music Education
MUS 530 - Advanced Music History
MUS 549 - Advanced Music Methodology
MUS 557 - Advanced Stylistic Analysis
MUS 576 - Music Education Seminar
Courses of Instruction (Graduate)

**Accounting**
*Michael E. Stephens College of Business*

**AC 522 - Current Issues in Accounting**
3 credit hours
Students will examine the continuing evolution of accounting practices with a focus on current regulatory reporting requirements, an understanding of global reporting issues, and the use of accounting information by investors and corporate management. Admission to the M.B.A. program required.

**AC 525 - Not-for-Profit Accounting**
3 credit hours
Special feature of budgetary and fund accounting as applied to municipalities, other government units, and institutions, such as hospitals and schools. Acceptance into the BBA/MBA program (Professional Accounting Path) required. Prerequisite(s): AC 222.

**AC 527 - Income Tax II**
3 credit hours
Federal income-tax principles and concepts as they apply to partnerships, corporations, estates, trusts, and gifts. Acceptance into the BBA/MBA program (Professional Accounting Path) required. Prerequisite(s): AC 421.

**AC 528 - Auditing II**
3 credit hours
Procedural aspects of auditing, including internal control evaluation, audit program design, variable sampling, and EDP auditing. A case study that reinforces these topics is used, and emphasis is placed on auditing with the microcomputer. Includes an introduction to both transaction-cycle and balance-sheet audits. Prerequisite(s): Acceptance into the B.B.A./M.B.A. (Professional Accounting Program) and AC 423.

**AC 581 - Professional Accountancy Certification**
3 credit hours
A preparatory course for professional accountancy certification exam. Detailed study of topics and procedures related to professional accountancy certification. Senior standing and permission of instructor required. (Cross-listed with AC 481.)

**Art**
*College of Fine Arts*

**ART 500 - Advanced Graphic Design: Studio**
3 credit hours
Tools, methods, and processes of graphic design. A foundation for technical and creative process of graphic design with an emphasis on computer methods. Course continues the development of skills utilizing the Adobe® Creative® Suite.

**ART 502 - History of Italian Renaissance Art**
3 credit hours
History of painting, sculpture, and architecture produced in Italy from the early to high Renaissance.

**ART 503 - Contemporary Art**
3 credit hours
Survey of production, theory, and criticism of contemporary art.

**ART 505 - Art and the Environment**
3 credit hours
Exploration of the pictorial development of landscape and the development of new approaches to art during times of growing awareness of ecology and sustainability.

**ART 506 - History of Photography**
3 credit hours
Survey of the history of photography and contemporary criticism.

**ART 508 - Directed Research in Art History**
3 credit hours
Reading and research under direction and supervision of appropriate art-history faculty. Prerequisite(s): Consent of instructor.

**ART 510 - Mixed Media**
3 credit hours
Exploration of different mediums, techniques, and experimental processes for alternative art forms.

**ART 514 - Graduate Drawing: Materials and Concepts**
3 credit hours
Traditional and alternative technical and conceptual problems in drawing, with emphasis on individual, creative approaches to the assignments, extensive planning and development, technical proficiency in execution, and thoughtful, articulate, critical evaluation.

**ART 516 - Graduate Drawing: Color**
3 credit hours
Illustrative and narrative drawing with emphasis on color media. Includes compositional study from life and photographic resource material.

**ART 524 - Graduate Ceramics I**
3 credit hours
Introduction to ceramic processes and techniques. Includes hand building, wheel-throwing, kilns and glazes. Emphasis on creative use of clay.

**ART 525 - Graduate Ceramics II**
3 credit hours
Advanced study in ceramics, directed and independent study in varied processes and techniques.

**ART 526 - Special Topics in Studio**
3 credit hours
Studio processes and topics offered on occasion to provide
opportunities for students to work in areas not included in the regular curriculum.

ART 528 - Graduate Painting: Materials and Techniques
3 credit hours
Exploration of a variety of different techniques, including historical and contemporary methods as well as alternative painting surfaces and materials.

ART 529 - Graduate Painting: Narrative
3 credit hours
Exploration of narrative, symbol, and metaphor as subjects in painting.

ART 530 - Graduate Printmaking: Lithography
3 credit hours
Concentration on direct lithography from plates, including color and photo-mechanical techniques. Consent of instructor required.

ART 531 - Graduate Printmaking: Relief
3 credit hours
Concentration on relief printing, including color, large format, and non-traditional materials. Consent of instructor required.

ART 532 - Graduate Printmaking: Photo-Etching
3 credit hours
Concentration on the photo-etching printing technique using photopolymer plates and ink-jet transparencies from traditional and digital photographs and drawings. Admission to graduate program required.

ART 551 - Art for Elementary and Secondary Education (P-12)
3 credit hours
Introduction to theory and methods of teaching art in elementary and secondary schools. Includes studio experiences, art education theory and philosophy, and research in curriculum planning.

ART 561 - Graduate New Media: Digital Printing
3 credit hours
Exploration of the aesthetic possibilities of digital imaging and various approaches to creative multimedia printing using multiple modes of print production and dissemination.

ART 570 - Graduate Sculpture: Metal Casting
3 credit hours
Tools, materials, and processes used in the production of cast-metal sculpture; includes mold making and the casting of bronze and aluminum.

ART 571 - Graduate Sculpture: Stone Carving
3 credit hours
Tools, materials, and processes used in the production of stone carving.

ART 576 - Sculpture: Sheet-Metal Fabrication
3 credit hours
Tools, materials, and processes used in the production of steel sculptures.

ART 580 - Performance and Installation Art
3 credit hours
Students create individual and group performances and installations. Major artists and trends in performance and installation art are studied and discussed.

ART 585 - Graduate Photography I
3 credit hours
Introduction to graduate photography involving the production of a body of work using specific processes and materials determined in consultation with the instructor. Consent of instructor required.

ART 586 - Graduate Photography II Processes
3 credit hours
Advanced study in graduate photography involving directed and independent work in varied processes and techniques. Consent of instructor required.

ART 592 - Graduate Portfolio
3 credit hours
Development of a specific body of advanced studio work to demonstrate mature and independent approach to studio art. Consent of instructor required.

Biology
College of Arts & Sciences

BIO 500 - Basic Principles of Genetics
3 credit hours
Three lectures. Basic principles of inheritance, with emphasis on common human syndromes, Mendelian genetics, pedigree analysis, inheritance of sex, chromosomal aberrations, blood factors, metabolic errors, gene structure, population genetics and genetic counseling. Students may not receive credit for both this course and BIO 530.

BIO 501 - Environmental Chemistry
3 credit hours
Three credit hours. Three lectures. The course is designed to help current and prospective middle and high school chemistry teachers provide their students with an understanding and appreciation of chemistry and biology within the environment. The goals of the course are to introduce students to the biology and chemistry of the environment and will apply scientific methods, critical thinking, and problem solving to improve their lives and the lives of others. Prerequisite(s): CHEM 221 or consent of instructor. (Cross-listed with CHEM 501.)

BIO 502 - Chemical and Biological Polymers
3 credit hours
Three lectures. The course is designed to help current and prospective middle and high school chemistry teachers provide their students with an understanding and appreciation of chemistry and biology of polymers. The goals of the course are to introduce students to the chemistry of polymers and their applications in biology and everyday use. Prerequisite(s): CHEM 221 or consent of instructor. (Cross-listed with CHEM 502.)
BIO 510 - Histology
4 credit hours
Two lectures. Two two-hour labs. Tissues, organs, and preparation of tissues for microscopic study.

BIO 520 - Parasitology
4 credit hours
Three lectures. One three-hour laboratory period. Protozoa, flatworms, roundworms, and arthropods. Fall semester, odd-numbered years.

BIO 530 - Genetics
4 credit hours
Three lectures. One two-hour lab. Mechanisms of inheritance within plants, animals and humans with emphasis on molecular genetics and gene structure as well as classical Mendelian genetics. May not receive credit for this course and BIO 500.

BIO 535 - Developmental Biology
4 credit hours
Three lectures. One three-hour lab. A study of the development of vertebrates, with special emphasis on human development. Molecular, morphological, and clinical aspects of the development of all major organ systems will be explored. Students who have received credit for BIO 430 may not receive credit for BIO 535. Prerequisite(s): BIO 341 or consent of instructor.

BIO 540 - Evolution
3 credit hours
Three lectures. Organic evolution, the process and its products.

BIO 545 - Laboratory Instruction in Biology
1-3 credit hours
This course provides a comprehensive study of high school biology laboratory instruction. Through participation in lab preparation and instruction with the Alabama Science in Motion program, as well as independent study and projects, students will address practical applications of the lab experience including safety issues, facilities, equipment, techniques, and education goals. Special emphasis will be placed on the development of lab activities that encourage an inquiry approach to learning. Pending scheduling, lab observation and/or instruction with the ASIM Specialist at a participating school may be required. May be taken for up to six hours of credit. Consent of instructor and acceptance into a graduate program in secondary education.

BIO 549 - Introduction to Human Physiology
3 credit hours
Three lectures. Physiology of humans. Study of the mechanisms and processes involved in biological function from cellular to organismal levels, emphasizing their roles in regulation of homeostasis.

BIO 550 - Current Topics in Biology
3 credit hours
Current topics in biology with emphasis on presentation and associated teaching and laboratory methods, materials, and evaluation techniques. A minimum of a graduate minor in biology and consent of instructor required.

BIO 551 - Current Topics in Cell Biology
3 credit hours
This course is targeted for graduate students in education, and is intended to make these individuals more aware of current topics in cell biology. The course content includes discussions of the biochemistry of energy generation in a cell, cell structures and functions, and certain specialized cell types.

BIO 552 - Introductory Biology Instrumentation
1-3 credit hours
This course is designed to acquaint high school biology teachers with the equipment and lab activities available through the Alabama Science in Motion biology program. It is taught in conjunction with the ASIM Biology Summer Institute. Instruction will include the theory and principles of the equipment available through the program, as well as its practical applications. Lab activities identified as Year 1 labs will be the focus for the introductory course. Special emphasis will be placed on the incorporation of inquiry techniques into laboratory instruction. Consent of instructor, acceptance into the ASIM Year 1 program, and acceptance into a graduate program in secondary science education.

BIO 554 - Advanced Biology Instrumentation
1-3 credit hours
This course is designed to provide a more in-depth view of the equipment available through the Alabama Science in Motion biology program, as well as more advanced lab activities that utilize this equipment. It is taught in conjunction with the ASIM Biology Summer Institute. In addition to the focus on lab activities identified as Year 2 labs, the advanced course will provide additional instruction on troubleshooting equipment operation. Special emphasis will be placed on the incorporation of inquiry techniques into laboratory instruction. Prerequisite(s): Consent of instructor, BIO 552 and/or acceptance into the ASIM Year 2 program, and acceptance into a graduate program in secondary science education.

BIO 555 - Histological Technique
4 credit hours
Laboratory methods of fixation, embedding, sectioning, staining, and mounting of tissues of vertebrate and invertebrate animals. Prerequisite(s): Twelve hours of biology or consent of instructor.

BIO 560 - Field Botany
4 credit hours
Two lectures. One four-hour lab. Taxonomy and ecology of higher plants in Alabama.

BIO 570 - Vertebrate Field Zoology
4 credit hours
Two lectures. One four-hour lab. Biology of vertebrates including collection, preservation and identification.

BIO 571 - Plant Physiology
4 credit hours
Two lectures. One four-hour lab. Basic principles of plant physiology with emphasis on metabolic processes and the role of auxins in plant growth.
BIO 572 - Animal Physiology
4 credit hours
Three lectures. One three-hour lab. Physiological processes of cells and organs, including modern research techniques and laboratory animal surgery.

BIO 575 - Special Topics in Marine Biology
1-4 credit hours
Graduate-level marine biology courses offered at Dauphin Island Sea Lab. See the UM DISL liaison for more information. Prerequisite(s): At least 8 hours of majors-level undergraduate and/or graduate biology courses. Individual courses may have additional and/or specific prerequisites.

BIO 580 - Special Problems in Biology
1-4 credit hours
Individual research problems completed under the direction of staff.

Chemistry

College of Arts & Sciences

CHEM 501 - Environmental Chemistry
3 credit hours
Three credit hours. Three lectures. The course is designed to help current and prospective middle and high school chemistry teachers provide their students with an understanding and appreciation of chemistry and biology within the environment. The goals of the course are to introduce students to the biology and chemistry of the environment and apply scientific methods, critical thinking, and problem solving to improve their lives and the lives of others. Prerequisite(s): CHEM 221 or consent of instructor. (Cross-listed with BIO 501.)

CHEM 502 - Chemical and Biological Polymers
3 credit hours
Three credit hours. Three lectures. The course is designed to help current and prospective middle and high school chemistry teachers provide their students with an understanding and appreciation of chemistry and biology of polymers. The goals of the course are to introduce students to the chemistry of polymers and their applications in biology and everyday use. Prerequisite(s): CHEM 221 or consent of instructor. (Cross-listed with BIO 502.)

CHEM 520 - Inorganic Chemistry
3 credit hours
A modern approach to the fundamental concept of inorganic chemistry, encompassing topics such as bonding theories, coordination compounds, atomic structure, reactions in non-aqueous systems, bond energies, trends within the periodic table, and techniques. Consent of instructor required.

CHEM 535 - Instrumental Methods in Analysis
4 credit hours
A study of chemical principles and instrumental techniques of analytical chemistry. The laboratory is designed to illustrate the use of instruments in both routine analytical and research applications.

CHEM 540 - Laboratory Instruction in Chemistry
1-3 credit hours
This course provides a comprehensive study of high school chemistry laboratory instruction. Through participation in lab preparation and instruction with the Alabama Science in Motion program, as well as independent study and projects, students will address practical applications of the lab experience including safety issues, facilities, equipment, techniques, and education goals. Special emphasis will be placed on the development of lab activities that encourage an inquiry approach to learning. Pending scheduling, lab observation and/or instruction with the ASIM Specialist at a participating school may be required. Course may be repeated for credit for up to a total of 6 hours. Consent of instructor and acceptance into a graduate program in secondary science education.

CHEM 545 - Special Topics in Chemistry
3 credit hours
A discussion of recent advances in theory, instrumentation, or techniques in analytical, inorganic, or physical chemistry. Topics vary. Course may be repeated for credit as topic changes. Prerequisite(s): CHEM 222 or consent of instructor.

CHEM 550 - Introductory Chemistry Instrumentation
1-3 credit hours
This course is designed to acquaint high school chemistry teachers with the equipment and lab activities available through the Alabama Science in Motion chemistry program. It is taught in conjunction with the ASIM Chemistry Summer Institute. Instruction will include the theory and principles of the equipment available through the program, as well as its practical applications. Lab activities identified as Year 1 labs will be the focus for the introductory course. Special emphasis will be placed on the incorporation of inquiry techniques into laboratory instruction. Consent of instructor, acceptance into the ASIM Year 1 program, and acceptance into a graduate program in secondary science education.

CHEM 552 - Advanced Chemistry Instrumentation
1-3 credit hours
This course is designed to provide a more in-depth view of the equipment available through the Alabama Science in Motion chemistry program, as well as more-advanced lab activities that utilize this equipment. It is taught in conjunction with the ASIM Chemistry Summer Institute. In addition to the focus on lab activities identified as Year 2 labs, the advanced course will provide additional instruction on troubleshooting equipment operation. Special emphasis will be placed on the incorporation of inquiry techniques into laboratory instruction. Prerequisite(s): Consent of instructor, CHEM 550 and/or acceptance into the ASIM Year 2 program, and acceptance into a graduate program in secondary science education.

CHEM 565 - Chemical Calculations
3 credit hours
Fundamental calculations involving a broad spectrum of chemical principles.
Courses of Instruction

**Chemistry**

**CHEM 580 - Special Projects in Chemistry**
1-6 credit hours
Individual projects that may include literature survey, project design, data acquisition, and data interpretation. Consent of instructor required.

**CHEM 581 - Chemistry in the Community**
3 credit hours
Study of chemistry in the context of applying chemistry to society. Environmental issues such as water and contaminants, chemical resources, air quality, waste disposal and nuclear chemistry will be discussed.

**Communication Science and Disorders**

*College of Arts & Sciences*

**CSD 500 - Thesis**
1-2 credit hours
Elective master's thesis for graduate SLP or AUD students, representing a formal research project involving normal or disordered aspects of speech, language, or hearing in children or adults. Selected with permission of the graduate adviser.

**CSD 501 - Neuroscience for Speech, Language, and Hearing**
3 credit hours
This course introduces the study of brain structure and function and how principles of neuroplasticity relate to human behavior in the areas of speech, language, hearing, cognition, and swallowing.

**CSD 502 - Research in Speech-Language Pathology**
3 credit hours
Explores fundamentals of research design critical to both evaluating and conducting research within the field of speech-language pathology.

**CSD 511 - Language Development and Disorders: Birth to Five**
3 credit hours
A review of language development and a study of assessment, analysis, and intervention of language disorders in children ages birth-five. Issues of emergent literacy will be included.

**CSD 512 - School Age Language and Literacy**
3 credit hours
An exploration of language and literacy assessment and intervention practices in the school-age population. Emphasis on special education laws with an introduction to Alabama Department of Education curriculum standards for grades K-12. Behavior plans and individualized education programs according to state and federal regulations will be written.

**CSD 514 - Professional Issues**
1 credit hour
This seminar will cover issues of relevance to professional practice including the code of ethics, praxis review, certification and licensure, professional organizations, counseling strategies, and supervision.

**CSD 520 - Introduction to Dysphagia**
3 credit hours
The study of the normal and abnormal neurological/physiological components of swallowing and related disorders. Special emphasis is given to the diagnosis and treatment of swallowing problems in the pediatric and adult population. Includes a lab component, which will be taught by outside guest lecturers or a UM instructor. Prerequisite(s): CSD 501 or equivalent.

**CSD 534 - Motor Speech Disorders**
3 credit hours
Motor speech disorders, the etiology of the disorders, and the diagnostic and treatment associated with various types of motor speech disorders. Portions of the course will relate to medical terminology and counseling related to persons with these specific disorders.

**CSD 539 - Augmentative and Alternative Communication**
2 credit hours
Principles and guidelines governing the use and implementation of an AAC system. A practical "hands on" approach to using and creating systems that meet the needs of AAC users and their families. Focus on assessment, intervention, current issues and trends, including a transdisciplinary approach to assessment and intervention.

**CSD 540 - Acquired Cognitive-Communicative Disorders in Adults**
3 credit hours
This course addresses the study of cognitive-communicative disorders in adults, including evaluation techniques and evidence-based treatment strategies, specifically related to dementia, acquired brain injury, and right-hemisphere syndrome.

**CSD 542 - Seminar in Cleft Palate and Syndromes**
2 credit hours
A study of etiology, assessment, diagnosis, and treatment associated with cleft lip and palate and syndromes.

**CSD 543 - Seminar in Stuttering**
3 credit hours
A study of the nature of stuttering, with emphasis on a survey of a number of theories on the causes and symptomatology of stuttering and associated intervention strategies.

**CSD 544 - Seminar in Voice Disorders**
3 credit hours
A study of the etiology, physiology, assessment, diagnosis, and treatment of functional and organic voice disorders.

**CSD 546 - Seminar in Aphasia and Related Neurogenic Disorders**
3 credit hours
This seminar will focus on aphasia and the myriad of characteristics associated with this disorder. Neurological constructs and neuroplastic changes associated with evidence-based treatment strategies and diagnostic principles will be addressed.
Courses of Instruction

CSD 547 - Speech Sound Disorders
3 credit hours

CSD 548 - Seminar in Communicative Disorders
1-2 credit hours
A variable content course focusing on special problems or current issues in communicative disorders.

CSD 549 - Principles of Assessment and Diagnosis
2 credit hours
Content will focus on traditional approaches and current techniques of assessment and diagnosis.

CSD 579 - Clinical Practicum in Speech-Language Pathology-Introductory Level
1 credit hour
Supervised clinical practice, including diagnostic and treatment experiences with children and adults exhibiting a variety of communicative disorders. Students will work in the Speech and Language Center and/or in local clinical or educational settings. CSD graduate program admission required.

CSD 580 - Clinical Practicum in Speech-Language Pathology-Intermediate Level I
2 credit hours
Supervised clinical practice, including diagnostic and treatment experiences with children and adults exhibiting a variety of communicative disorders. Students will work in the Speech and Language Center, or in local clinical, medical or educational settings. Prerequisite(s): CSD 579.

CSD 581 - Clinical Practicum in Speech-Language Pathology-Intermediate Level II
1 credit hour
Supervised clinical practice, including diagnostic and treatment experiences with children and adults exhibiting a variety of communicative disorders. Students will work in the Speech and Language Center, or in local clinical, medical or educational settings. Prerequisite(s): CSD 579.

CSD 582 - Clinical Practicum in Speech-Language Pathology-Intermediate Level III
1 credit hour
Supervised clinical practice, including diagnostic and treatment experiences with children and adults exhibiting a variety of communicative disorders. Students will work in the Speech and Language Center, or in local clinical, medical or educational settings. Prerequisite(s): CSD 579.

CSD 583 - Clinical Practicum in Speech-Language Pathology-Advanced Level I
3 credit hours
Supervised clinical practice, including diagnostic and treatment experiences with children and adults exhibiting a variety of communicative disorders. Students will work in the Speech and Language Center, or in local clinical, medical or educational settings. Prerequisite(s): CSD 580.

CSD 584 - Clinical Practicum in Speech-Language Pathology-Advanced Level II
4 credit hours
Supervised clinical practice, including diagnostic and treatment experiences with children and adults exhibiting a variety of communicative disorders. Students will complete an off-campus externship placement in a facility with which the University has a contractual agreement. Prerequisite(s): CSD 583.

CSD 585 - Clinical Practicum in Speech-Language Pathology-Advanced Level III
5 credit hours
Supervised clinical practice, including diagnostic and treatment experiences with children and adults exhibiting a variety of communicative disorders. Students will complete an off-campus externship placement in a facility with which the University has a contractual agreement. Prerequisite(s): CSD 583.

Communication Studies
College of Fine Arts

COMS 531 - Directed Studies in Communication Studies
3 credit hours
Special offerings on a communication-studies topic at the graduate level. Focus toward educators at high school level. May be repeated for credit as topics vary.

Economics
Michael E. Stephens College of Business

EC 532 - Managerial Economics
3 credit hours
This course examines economic concepts and analysis as used in managerial decision-making with emphasis on demand theory, market structure, government, economic efficiency, and policy. Selected readings will be assigned, reviewed, and discussed to develop conceptual insights. Case studies, exercises, presentations, and team projects are used to develop skills and synthesize course concepts. Admission to the M.B.A. program required.

Education
College of Education

ED 501 - Introduction to Teaching
1 credit hour
Observations and case-study analysis will provide students with a pedagogical foundation on which to build a personal philosophy of education. Prerequisite(s): ED 527.

ED 502 - Secondary Students as Learners
2 credit hours
The COE conceptual framework theme, "Educator as Developing Professional," is a major organizer for this course in that secondary candidates will be encouraged to explore various foundations for beginning a career in teaching and for committing to anticipated growth and development to
span the entire career. Prerequisite(s): ED 527. Prerequisite(s) with concurrency allowed: One applicable course from: ED 535, 536, 537, 538, 539, 540, 541. Co-requisite(s): ED 555 and SPED 507.

ED 503 - Power, Politics, and Change
2 credit hours
This course will introduce graduate students to how educational policy is made for American schools and the effect of policies on classroom teaching. The emphasis of the course is on the complex interrelationship between politicians, private foundations and think tanks, teachers' unions, special-interest groups, educational researchers, school administrators, boards of education, courts, and classroom teachers. Co-requisite(s): ED 504 and 506.

ED 504 - Innovative Instructional Design
2 credit hours
This course will introduce graduate students to the evolution of the standards movement in the early 21st century and its strong political force in today's schooling. The emphasis of the course is on using innovative instructional designs (i.e., multiple intelligences, learning styles, differentiation, cooperative learning, interdisciplinary learning, problem-based learning, mentoring service learning, etc.) within a climate of high-stakes standards-based curricular accountability. Co-requisite(s): ED 503 and 506.

ED 506 - Reaching Every Learner
2 credit hours
This course will introduce graduate students to the historical impact of culture, ethnicity, language, socioeconomic background, gender, ability, and interest levels on student learning. An emphasis on the course is on the examination of personal and professional biases, experiences, values, and beliefs, and the impact of these things on a teacher's ability to reach students from diverse backgrounds. Co-requisite(s): ED 503 and 504.

ED 511 - Advanced Studies in Teaching Reading
3 credit hours
Understanding reading difficulties, practical experiences in diagnosing reading difficulties, a study of corrective treatment, and the ability to develop and implement a directed reading lesson. Guided laboratory experiences with children who exhibit reading limitations that can be aided by the regular classroom teacher. Co-requisite(s): ED 546. (Cross-listed with ED 411.)

ED 514 - Creative Arts for the Classroom Teacher
3 credit hours
Development of creative thinking processes for instructional planning for teaching and for the development of such processes in students. Consideration to the total school program with special emphasis on creative arts and the improvement of thinking skills, such as perceiving, imagining, analyzing, predicting, judging, elaborating and evaluating. (Summers only).

ED 516 - Emerging Literacy in the Classroom
3 credit hours
Understanding and teaching of beginning literacy in primary grades. Theory, methods, materials, along with assessment alternatives.

ED 517 - Teaching Writing in Today's Classrooms
3 credit hours
Written language development in students and their teachers. Investigation of writing as a process, strategies for managing a writing process classroom, and assessment procedures. Practical applications of the writing process, including educating parents, administrators, and other classroom teachers. Strategies to expand students' development in spelling and grammar.

ED 518 - Classroom Management
2 credit hours
Provides an opportunity to review, research, and analyze various classroom environments and disciplinary styles. Students will develop basic human-relations skills and communicate an understanding of their role in the classroom.

ED 525 - Assessment and Planning for Reading Instruction
3 credit hours
Develops educator's expertise in choosing, administering, and interpreting a variety of formal and informal assessments approved by the Alabama Reading Initiative. Emphasis will be on the use of assessments in program review and planning at all levels.

ED 527 - Technology-Based Instructional Strategies
3 credit hours
This course discusses web-based applications, software, and hardware used in educational settings, as well as instructional strategies to help pre-service teachers begin to understand the link between classroom instruction and technology. (Cross-listed with ED 427.)

ED 530 - Language and Literacy Development
3 credit hours
Study of language development and how it influences learning and literacy development.

ED 532 - Content Area Literacy
3 credit hours
Comprehension and study skill development in concept subjects and the materials and technology that support that development.

ED 533 - English Language Learners in Today's Classrooms
3 credit hours
This course deals with issues related to curriculum and instruction of second-language learners in P-12 classrooms.

ED 535 - Teaching Art at the Secondary Level
1 credit hour
A capstone experience in teacher preparation that includes the opportunity to reflect, apply, and integrate various program components to demonstrate synthesis of skills and knowledge. Includes field-based methods with certified teacher in students' teaching field.

ED 536 - Teaching English/Language Arts at the Secondary Level
1 credit hour
A capstone experience in teacher preparation that includes
the opportunity to reflect, apply, and integrate various pro-
gram components to demonstrate synthesis of skills and
knowledge. Includes field-based methods with certified
teacher in students' teaching field.

ED 537 - Teaching General Science at the Secondary
Level
1 credit hour
A capstone experience in teacher preparation that includes
the opportunity to reflect, apply, and integrate various pro-
gram components to demonstrate synthesis of skills and
knowledge. Includes field-based methods with certified
teacher in students' teaching field.

ED 538 - Teaching Math at the Secondary Level
1 credit hour
A capstone experience in teacher preparation that includes
the opportunity to reflect, apply, and integrate various pro-
gram components to demonstrate synthesis of skills and
knowledge. Includes field-based methods with certified
teacher in students' teaching field.

ED 539 - Teaching Social Sciences at the Secondary
Level
1 credit hour
A capstone experience in teacher preparation that includes
the opportunity to reflect, apply, and integrate various pro-
gram components to demonstrate synthesis of skills and
knowledge. Includes field-based methods with certified
teacher in students' teaching field.

ED 540 - Teaching Business at the Secondary Level
1 credit hour
A capstone experience in teacher preparation that includes
the opportunity to reflect, apply, and integrate various pro-
gram components to demonstrate synthesis of skills and
knowledge. Includes field-based methods with certified
teacher in students' teaching field.

ED 541 - Teaching Family and Consumer Sciences at
the Secondary Level
1 credit hour
A capstone experience in teacher preparation that includes
the opportunity to reflect, apply, and integrate various pro-
gram components to demonstrate synthesis of skills and
knowledge. Includes field-based methods with certified
teacher in students' teaching field.

ED 543 - Teaching Foreign Language at the Secondary
Level
1 credit hour
A capstone experience in teacher preparation that includes
the opportunity to reflect, apply, and integrate various pro-
gram components to demonstrate synthesis of skills and
knowledge. Includes field-based methods with certified
teacher in students' teaching field.

ED 544 - Teaching Elementary School Social Studies
3 credit hours
Methods for providing a developmentally appropriate so-
cial studies curriculum for children in early childhood and
elementary settings. Open only to students in the alternative
fifth-year program. Prerequisite(s): ED 511 and 546. Co-
requisite(s): ED 545 and 548.

ED 545 - Teaching Elementary School Mathematics
3 credit hours
Materials and methods of teaching mathematics to children
in grades P-6. Appropriate laboratory experiences provided.
Open only to students in the alternative fifth-year program.
Prerequisite(s): ED 511 and 546. Co-requisite(s): ED 544
and 548.

ED 546 - Teaching Elementary School Language Arts
3 credit hours
Selection of strategies and construction of language arts
materials for the elementary school child. Appropriate la-
boratory experiences required. Open only to students in the
alternative master's program. Prerequisite(s): ED 501. Co-
requisite(s): ED 511.

ED 547 - Technology for Today's Classroom
3 credit hours
This course emphasizes teaching with Web-based applica-
tions, developing discipline-specific projects for classroom
instruction, and cultivating the knowledge of hardware and
software used for instructional purposes. Admission to
graduate school required. (Cross-listed with ED 447.)

ED 548 - Teaching Elementary School Science
3 credit hours
Materials and methods of teaching science to children in
grades P-6. Scientific literacy, application of knowledge
and integration of science with other subject areas. Open
only to students in the alternative fifth-year program. Pre-
requisite(s): ED 511 and 546. Co-requisite(s): ED 544
and 545.

ED 549 - Selected Topics in Early Childhood and Ele-
mentary Education
3 credit hours
This course will deal with an in-depth study of a selected
topic which is of current importance to the field of elemen-
tary education.

ED 550 - Instructional Strategies II - Models
3 credit hours
Selection of appropriate methods and materials for teaching
the various disciplines. Completion of Stage A required.

ED 551 - Teaching Mathematics in Special Education
Classrooms
1 credit hour
The primary focus of the course is on the instructional deci-
sions made by teachers as facilitators of teaching mathe-
matics in P-6 special education classrooms. Emphasis is on
the development from novice to expert, including the role
as a specialist in subject matter, special education, curricu-
um, and instruction.

ED 555 - Instructional Strategies I - Literacy
2 credit hours
Research on and study of new and more-advanced models
of teaching, methods of assessment, and further integration
of technology. Prerequisite(s): ED 527. Prerequisite(s) with
concurrency allowed: One applicable course from ED 535,
536, 537, 538, 539, 540, 541; and SPED 507.
### Courses of Instruction

**ED 556 - Improving Instruction in Elementary Language Arts**  
3 credit hours  
Current research in various areas of language arts and teaching approaches.

**ED 557 - Thinking Mathematically in the Elementary Classroom**  
3 credit hours  
This course deals with current research in mathematics, as well as approaches to developing mathematical understanding, in the elementary classroom setting. The NCTM standards provide a basis for evaluating content, materials, and teaching strategies.

**ED 559 - Elementary Social Studies and the Integrated Curriculum**  
3 credit hours  
Making decisions for the effective planning, teaching, and assessment of social studies knowledge and skills. Strategies for developing civic responsibility through student involvement with each other, the fine arts, children's literature, inquiry learning, and the current events explored.

**ED 565 - Organization and Management in the Elementary Grades**  
3 credit hours  
Planning, organization, instructional strategies and classroom management for elementary grades (K-6). Emphasis on the philosophy, design, curriculum, and organization of elementary schools, and on the teacher's rights, responsibilities, relationships to other constituencies, and continuing professional development. Prerequisite(s): ED 501.

**ED 566 - Improving Instruction in Elementary Social Studies**  
3 credit hours  
Current research in social studies and teaching approaches.

**ED 567 - Thinking Socially in the Elementary Classroom**  
3 credit hours  
This course deals with current research in social studies, as well as approaches to developing social studies understandings, in the elementary classroom setting. The NCSS standards provide a basis for evaluating content, materials, and teaching strategies.

**ED 569 - Developing Social Studies and the Integrated Curriculum**  
3 credit hours  
Making decisions for the effective planning, teaching, and assessment of social studies knowledge and skills. Strategies for developing civic responsibility through student involvement with each other, the fine arts, children's literature, inquiry learning, and the current events explored.

**ED 570 - Selected Topics in Technology**  
3 credit hours  
This course will deal with special topics or current or emerging trends in the field of instructional technology.

**ED 571 - Selected Topics in ELL/Special Education**  
3 credit hours  
This course will deal with special topics in the field of ELL or Special Education.

**ED 574 - Thinking Geographically in the Elementary Classroom**  
3 credit hours  
This course covers current research in geographic education with a focus on the themes of location, place, human environment interaction, movement, and regions. The NCSS standards, as well as the National Geography standards, provide a basis for evaluating content, materials, and teaching strategies in the elementary classroom.

**ED 575 - Environmental Education for ECE/Elementary Teachers**  
3 credit hours  
Emphasis will be on developing knowledge and dispositions related to environment and the teaching and learning of environmental education.

**ED 581 - Advanced Methods and Materials in Early Childhood Education**  
3 credit hours  
Deals with the selection and organization of instructional materials and teaching methods appropriate to young children. Prerequisite(s): ED 501 and admission to the TEP.

**ED 590 - Advanced Seminar in Secondary Education**  
2 credit hours  
A capstone experience in teacher education, which includes the opportunity to reflect, apply, and integrate various program components. Admission to internship. Co-requisite(s): EDI 540 or 590.

**ED 591 - Research Design for Classroom Teachers**  
3 credit hours  
This course will introduce graduate students to the definition, origins, and theoretical foundations, goals, and procedures of action research. In addition, students will conduct a literature review, decide on an area of focus, and determine appropriate data collection techniques for a classroom-based action research project. Prerequisite(s): EDF 500 and three "emphasis area" courses.

**ED 592 - Action Research for Classroom Teachers**  
3 credit hours  
This course is designed to facilitate the completion of the action research project started in ED 591 (Research Design for Classroom Teachers). In this course, graduate students will work with a faculty mentor to complete a classroom-based action research project, including data collection, analysis, interpretation, and writing. The culmination of the course involves a multimedia presentation of the results of the action research study. Prerequisite(s): ED 591.

**ED 598 - Independent and Informal Study**  
3 credit hours  
This experience provides the student an opportunity to study in detail a specific school-related problem under the direction of a faculty member. It may be a specific problem that may be studied in the student's local community; it may be a curriculum study in a given area; it may be the study of a problem or topic not covered in a regular course; or it may be a creative project or tutorial or honors study of an independent nature in the area of student's research interests. The study to be made by the student must have the approval of his/her adviser and the course must be entered on the student's program.

**ED 599 - Practicum in Elementary or Secondary School Settings**  
3 credit hours  
PRACTICUM at the elementary, middle or high school level. Consent of instructor required.

**ED 601 - Instructional Design and Development**  
3 credit hours  
Overview of issues/trends in the development and effective design, utilization and evaluation of instructional media to address an identified need in a training or professional development context, including problem identification, instructional strategies, and learner characteristics. Admission to Ed.S. in Instructional Technology.
ED 602 - Technology, Training, Coaching, and Mentoring
3 credit hours
Evaluation and application of research-based structures, processes, and practices in the development of leadership skills and interpersonal relationships related to mentoring programs, technology training/professional development, and peer coaching. Admission to Ed.S. in Instructional Technology.

ED 610 - Managing Distance Education and eLearning Systems
3 credit hours
Implementation and management of online and distance-based instructional systems using course management tools, multimedia technologies, and instructional design principles. Admission to Ed.S. in Instructional Technology.

ED 621 - Instructional Technology Leadership and Management
3 credit hours
Focus on the practical knowledge and application of instructional technology: a) funding, b) budgets/acquisitions, c) setup/maintenance, d) community relations, and e) management within a school or educational setting. Emphasis is placed on the management and administration of technological resources in the instructional environment through data-driven decision making and standards implementation. Admission to Ed.S. in Instructional Technology.

ED 629 - Survey of Instructional Technology Leadership
3 credit hours
This course is designed to develop broad knowledge and understanding of the effective integration of instructional technology in schools or other educational/training environments with an emphasis placed on current research and trends, state and national standards, and widely accepted practices in the application and administration of instructional technology.

ED 670 - Seminar in Instructional Technology
3 credit hours
Exploration of research, literature, and other relevant sources of information intended to provide an in-depth study of selected topics, trends, and issues in instructional technology. Admission to Ed.S. in Instructional Technology.

ED 693 - IT Research and Practicum
3 credit hours
Utilize the goals and procedures of action research to collect data that can be used for positive instructional technology reform in schools and other educational settings. Candidates will demonstrate and document professional growth and continual development as a leader in instructional technology. Admission to Ed.S. in Instructional Technology.

ED 698 - Independent and Informal Study
3 credit hours

Counseling
College of Education

EDC 500 - Selected Topics in Counseling
3 credit hours
Elective courses on topics that are not part of the regular curriculum. Taught by practitioners with expertise in a particular topic in counseling. This course can be repeated three times for a total of 12 credit hours with instructor and advisor approval. Graduate standing required.

EDC 502 - Theories and Techniques of Counseling
3 credit hours
Survey of counseling theories presently being used: client centered, behavioral, existential, rational-emotive, and others. Essential qualities of counseling interviews and evaluation of counselor effectiveness.

EDC 503 - Assessment in Counseling
3 credit hours
Review of intelligence, achievement, aptitude, interest, and personality tests. Validity and reliability emphasized along with administration, scoring, interpretation, and report writing.

EDC 515 - Prepracticum in Interpersonal Skills
3 credit hours
Development of skills identified with high levels of interpersonal functioning. Experiential learning employed and ample opportunity for students to practice.

EDC 517 - Intimacy and Sexuality
3 credit hours
Sexuality and intimacy issues will be explored with an emphasis on assessment and intervention in couples counseling practice. Prerequisite(s): EDC 502, 515.

EDC 526 - Grief and Loss Counseling
3 credit hours
The course will provide an overview of the grieving process and grief and loss issues including complicated grief. Interventions and counseling strategies for individuals, families, and children who have suffered loss will be presented. Bereavement and other types of loss will be addressed.

EDC 527 - Addicted Families
3 credit hours
This course will address theory, assessment, and treatment of families dealing with addictions and substance-use issues.

EDC 530 - Professional, Ethical, and Legal Issues in Counseling
3 credit hours
An overview of the critical professional issues in counseling with emphasis on current ethical and legal standards. Prerequisite(s): EDC 515.

EDC 536 - Family Life Skills and Consultation
3 credit hours
The course will address family life skill topic areas and how they are used in a multidisciplinary context to promote the well-being of families and individuals comprising the
family. Principles of life skills, their application, and integration into various settings. Case management, consultation, and prevention will be examined.

EDC 541 - Counseling Practicum
3 credit hours
Counseling Practicum is a supervised clinical experience intended to enable the student to develop basic counseling and group work skills and integrate professional knowledge. Grade of B is required for successful completion of the course. Prerequisite(s): EDC 550, 515. Prerequisite(s) with concurrency allowed: EDC 550.

EDC 542 - Fundamentals of Clinical Supervision
3 credit hours
Designed to meet course requirements stipulated by the Alabama Board of Examiners in Counseling and the Alabama Board of Examiners in Marriage and Family Therapy for individuals wishing to become clinical supervisors or counselor trainees.

EDC 546 - Clinical Work with Suicidal Clients and Families
3 credit hours
The course will address epidemiology of suicide, demographic and incidence information about at-risk groups, risk factors, protective factors, warning signs, assessment of emergency risk groups and chronic risk, intervention strategies, nomenclature, prevention and postvention.

EDC 550 - Group Procedures in Counseling
3 credit hours
Principles of group processes and their application in counseling situations. Survey of group theories, group techniques, and research relating to group counseling is an integral feature of the course. Prerequisite(s): EDC 502.

EDC 552 - Collaborative Systemic Interventions for Children
3 credit hours
Designed for students preparing themselves for a career in working with children and families through schools or agencies. Students will learn solution-focused counseling techniques for application in the development of multisystemic interventions for children. Collaboration among schools, agencies, and families will be stressed. Counseling and related activities will be considered in the scope of the developmental process as applied to the current issues that affect children.

EDC 556 - Psychopathology
3 credit hours
Assessment, diagnosis, and treatment of mental disorders as defined by the DSM (4th edition) classification system. Current understanding of etiology, prevention, and treatment issues related to psychopathology.

EDC 557 - Crisis Intervention and Trauma-Informed Counseling
3 credit hours
Ways in which normative and non-normative stressor events and their related hardships impact family functioning will be explored. Participants in this course will gain knowledge of the impact of stressor events on families and will utilize the current research to formulate intervention strategies for families dealing with stress and crises.

EDC 570 - Career and Lifestyle Development
3 credit hours
World of work, sources of career information, and the concept of vocational development. Theories of career choice and implications of theories for the guidance worker.

EDC 581 - Counseling Internship
3 credit hours
Intensive practical opportunity for the counseling student in a selected field setting. Daily observation and personal implementation of counseling theory, strategy, and programming. A supervised seminar will complement this on-the-job training program. Grade of B is required for successful completion of course. This course can be repeated two times for a total of 6 credit hours with instructor and adviser approval. Prerequisite(s): EDC 541.

EDC 582 - Advanced Internship in Marriage and Family Counseling
3 credit hours
Specialized field experience in the area of marriage and family counseling, building upon skills and knowledge attained during completion of EDC 581. The internship involves practice and personal implementation of marriage and family counseling theory, strategy, and programming.

EDC 586 - Counseling Internship
6 credit hours
Intensive practical opportunity for the counseling student in a selected field setting. Internship involves daily observation and personal implementation of counseling theory, strategy and programming. A supervised seminar (group supervision) will complement this on-the-job training program. This internship is designed for students who wish to take all 6 credit hours of internship in one semester. (This course is not available in summer) Prerequisite(s): EDC 541.

EDC 590 - Directed Readings
3 credit hours
Can be taken only with consent of adviser and department chair.

EDC 592 - School Counseling
3 credit hours
Foundations for organizing and delivering counseling services for K-12 students. Designing a comprehensive developmental program and understanding ethical guidelines for school counselors.

EDC 595 - Introduction to Play Therapy
3 credit hours
This course provides an overview of the essential elements and principles of play therapy, including history, theories, modalities, techniques, applications, and skills. Further, an experiential component focuses on basic play therapy skill development within the context of ethical and diversity-sensitive practice. Prerequisite(s): EDC 502, 515; and either EDC 552 or EDF 580.
EDC 596 - Clinical Mental Health Counseling
3 credit hours
Scope and methods of counseling in community and agency settings. Rationale for use of various theoretical approaches in these settings. Practical applications include development of methods for assessing community need for counseling services. Prerequisite(s): EDC 515.

EDC 597 - Couples and Family Counseling
3 credit hours
History, general processes, techniques, research, and main theoretical approaches of the marriage and family field. Prerequisite(s): EDC 515.

EDC 598 - Independent and Informal Study
3 credit hours
Study in detail of a specific counseling-related problem under the direction of a faculty member. The student must have the approval of his/her adviser. All work must be completed and in the hands of the instructor in charge at least two weeks in advance of the close of the semester in which the credit is to be recorded. Prerequisite(s): EDC 502, 515; and either EDC 552 or EDF 580.

EDC 599 - Advanced Play Therapy
3 credit hours
This course provides an advanced analysis of the rationale for play therapy in counseling, including an examination of theories of play therapy as well as clinician and client variables that impact the therapeutic relationship. A variety of play therapy settings and treatment modalities including non-directive play, sand tray, group play, and the use of creative arts activities will be explored in relation to the unique characteristics of clients. Prerequisite(s): EDC 502, 515; and either EDC 552 or EDF 580.

Education Internships
College of Education

EDI 540 - Internship in High School Teaching
6 credit hours
Full-time placement for 16 weeks of the semester at a school of grade levels 6-12. Prerequisite(s): ED 518 and 550, EDF 562, and successful completion of Phase II and all TEP requirements.

EDI 560 - Internship in Collaborative Special Education K-6
6 credit hours
Full-time placement for 16 weeks of the semester in a classroom that serves students with special needs at the K-6 level. Prerequisite(s): Successful completion of Content Block and all TEP requirements. (Cross-listed with EDI 460.)

EDI 561 - Internship in Collaborative Special Education 6-12
6 credit hours
Full-time placement for 16 weeks of the semester in a classroom that serves students with special needs at grade levels 6-12. Prerequisite(s): Successful completion of all courses and all TEP requirements.

EDI 562 - Internship in Hearing Impaired
6 credit hours
Full-time placement for 16 weeks of the semester in a classroom that serves students with certified hearing loss at the P-12 level (both elementary and secondary settings). Prerequisite(s): Successful completion of coursework and all TEP requirements.

EDI 563 - Internship in K-12 Collaborative Teaching
6 credit hours
Full-time placement in a classroom that serves students with special needs for 8 weeks of the semester at the grade levels 6-12 and for 8 weeks of the semester at grade levels K-6. Prerequisite(s): Successful completion of coursework and all TEP requirements.

EDI 570 - Internship in Elementary Education
6 credit hours
Full-time placement for 16 weeks of the semester at a school of grade levels K-6. Prerequisite(s): ED 544, 545, and 548, and successful completion of Content Block and all TEP requirements.

EDI 590 - Internship in P-12 Teaching
3-10 credit hours
Full-time placement for 8 weeks of the semester at a school of grade levels 7-12 and for 8 weeks of the semester at a school of grade levels K-6. Prerequisite(s): ED 518 and 550, EDF 562, and successful completion of Phase II and all TEP requirements.

Educational Foundations
College of Education

EDF 500 - Introduction to Graduate Studies
3 credit hours
How to find, read, and interpret a research study; distinguishing between peer-reviewed and practitioner pieces; advantages and disadvantages of electronic media sources; information literacy; principals of library research and investigation in the 21st century. Admission to the Traditional Graduate Program.

EDF 505 - Introduction to Social and Multicultural Education
1 credit hour
In conjunction with classroom discussions and projects, students will be immersed in a culturally diverse setting for a period of one week.

EDF 510 - Comparative Educational Systems
3 credit hours
U.S. educational system compared to those of other countries with respect to laws pertaining to education, educational goals, organization and administration of education, facilities and equipment, school and college programs, education of teachers, and the like.

EDF 516 - Theory and Practice of Communication Skills
3 credit hours
Day-to-day interactions with other persons. Topics include using verbal and nonverbal symbols, interactive listening,
creating an interpersonal climate, developing and maintaining personal and professional relationships.

**EDF 526 - Assessment and Data Analysis for Instructional Improvement**
**3 credit hours**
Designed to familiarize the student with the purposes and formats of the various assessments used in public schools. Students will use student performance data to identify potential program weaknesses and formulate remedial strategies to address each weakness.

**EDF 531 - Problems and Issues in Public Education**
**3 credit hours**
Systematically identifying critical issues and problems of public education.

**EDF 540 - Applied Educational Research**
**3 credit hours**
Familiarizes students with research that enhances the knowledge base in the profession and is applicable in a practical setting. Emphasis on applying research in a practical setting by the development of research skills regarding the research question, the literature review, the research design, the methodology, and the reference section. This experience prepares students to be discriminate evaluators of research and able to design research projects.

**EDF 551 - Selected Topics in Foundations of Professional Studies**
**3 credit hours**
Topics and issues of that comprise foundational knowledge appropriate for all graduate students of education. Emphasis on critical analysis and synthesis as a basis for sound professional decisions and actions.

**EDF 561 - Measurement and Evaluation in Elementary Education**
**3 credit hours**
Interrelation of teaching, learning, and evaluation. Includes developing skills in test construction to ensure valid measurement of achievement, developing skills in interpreting standardized test scores, evaluating the appropriateness of standardized tests, and developing the ability to utilize measurement data in making decisions regarding instructional needs in the elementary classroom. Prerequisite(s): ED 511 and 546.

**EDF 562 - Measurement and Evaluation in Secondary Education**
**3 credit hours**
Interrelation of teaching, learning, and evaluation. Includes developing skills in test construction to ensure valid measurement of achievement, developing skills in interpreting standardized test scores, evaluating the appropriateness of standardized tests, and developing the ability to utilize measurement data in making decisions regarding instructional needs in the secondary classroom. Admission to Alternative Fifth-Year Program. Co-requisite(s): ED 518 and 550.

**EDF 580 - Advanced Human Growth and Development**
**3 credit hours**
Review of classic and current research in development.

Critical analyses of behavioristic, psychoanalytic, psychobiological, and eclectic theories of growth and socialization are included.

**EDF 600 - Applied Research in Education and Behavioral Sciences**
**3 credit hours**
Application of specific research methodologies to individual research projects in the area of the student's professional interest.

**EDF 620 - Social and Multicultural Foundations**
**3 credit hours**
Designed to help educators and counselors function effectively with individuals in a culturally diverse society. Understanding necessary to describe, analyze, and appreciate cultural differences.

**EDF 630 - Advanced Educational Psychology**
**3 credit hours**
Study of theories of learning and their relation to varying school procedures, the effects of emotional adjustment, intelligence, social factors, and motivation on the ability to learn.

**EDF 631 - Problems and Issues in Public Education**
**3 credit hours**
Systematically identifying critical issues and problems of public education.

**Instructional Leadership**

College of Education

**EDL 577 - Technology for School Leaders**
**3 credit hours**
Designed to provide the developing professional with information concerning the application of technology in administrative settings.

**EDL 593 - Leadership, Collaboration, and Mentoring**
**3 credit hours**
Designed to facilitate opportunities for practicing professionals to examine knowledge, models, and skills critical to effective school leadership and mentoring. Emphasis on impacts of positive relationships on the local school environment and on school renewal.

**EDL 594 - Curriculum and Instructional Leadership**
**3 credit hours**
Designed to develop the knowledge and skills of the foundations of supervision in the curriculum and instructional development domains. Emphasis on the supervisor's role in designing, developing, implementing, and evaluating the curriculum and planning, monitoring, and evaluation of the instructional program.

**EDL 595 - Public Relations, Community Resources, and Ethics**
**3 credit hours**
Designed to assist the developing professional in the study of public relations, ethics, and community resources. The communication strategies utilized for building programs and system-wide programs, the interpretation of schools to
their internal and external publics, and administrator public relations activities are analyzed.

EDL 596 - Fiscal and Non-fiscal Resources for Instruction
3 credit hours
Designed to assist the developing professional in the study of state, federal, and local financing of education with special emphasis on Alabama. Financial issues, budgeting, fiscal management, resources for instruction, and the Alabama Foundation Program are studied. Special attention is given to developing skills for utilizing both fiscal and non-fiscal resources for instructional improvement.

EDL 597 - Law, Diversity, and Resource Management
3 credit hours
This course is designed to assist the developing professional in the study of constitutional provisions, statutory laws, court decisions, and regulations governing public schools with special emphasis on Alabama and to assist the developing professional in gaining the fundamental knowledge of human resources for schools. Special attention is given to developing skills in making decisions based on legal provisions or precedents as they pertain to civil rights, freedoms, and diversity. References to the daily operation of schools and to applying human resource functions related to diversity will be made.

EDL 598 - Independent and Informal Study
3 credit hours
Detailed study of a specific school-related problem under the direction of a faculty member. The student must have the approval of his/her advisor. All work must be completed and in the hands of the instructor in charge at least two weeks in advance of the close of the semester in which the credit is to be recorded.

EDL 599 - Residency and Capstone Seminar
3 credit hours
The residency will provide students with the opportunity to develop as professionals by participating in the day-to-day decision-making process of a school administrator. The experience provides the prospective administrator an opportunity to put theory into practice, combine and extend past learning, apply new competencies, engage in structured self evaluation, and profit from direct collaboration of an experienced administrator.

EDL 605 - Fiscal Resources and Business Management
3 credit hours
Fiscal support and management of the public schools in America, with primary emphasis on Alabama. Theoretical as well as practical issues in school finance and economics are examined. Opportunities provided for integrating the student's personal knowledge of schools with the theoretical knowledge base of school finance in order to analyze problems and make quality decisions.

EDL 606 - Leadership and Mentor Training
3 credit hours
Skills and techniques needed to be effective mentors. Emphasis on the development of a positive relationship between aspiring leaders and their mentors through experiential training.

EDL 612 - Public Relations and Community Resources
3 credit hours
A study of linkages between the school organization and its clientele. Emphasis on communication of goals to the public, pressure groups, community agencies, and the news media.

EDL 640 - Curriculum Problems and Issues in Instructional Leadership
3 credit hours
This course is designed to develop the knowledge and skills of the foundations of supervision in the curriculum and instructional development domains. Emphasis is given to the supervisor's role in designing, developing, implementing, and evaluating the curriculum and planning, monitoring, and evaluation of the instructional program. With regard to the College of Education Conceptual Framework, students are expected to gain knowledge of curriculum and supervision.

EDL 643 - The School Climate
3 credit hours
A transdisciplinary approach to creating a safe and productive environment for all members of a school setting. Examination of enhancing positive student behavior and learning as well as engaging administration and staff in teamwork toward providing direct and indirect environmental influences for conflict resolution, and mental and physical well-being. Ecological strategies for affecting systemic change will be explored. Available only to majors in the Class AA/EDS Teacher Leader Program.

EDL 644 - Legal and Ethical Issues
3 credit hours
This course is designed to assist the developing professional in the study of constitutional laws, statutory laws, and court decisions governing public schools with special emphasis on Alabama. This course will emphasize contemporary legal and ethical issues affecting the organization and administration of public schools.

EDL 645 - Data-Driven Models for Curriculum Development
3 credit hours
An exploration and examination of the foundations, design, development, organization, and implementation of curriculum in K-Plus settings and the use of assessment data to develop best-practice models for curriculum decision-making. Effective use of technology to analyze assessment data and develop curriculum frameworks will be emphasized. This course defines the specifics of what school leaders should be able to do in order to provide instructional leadership and effective use of technology in school environments. The effective 21st-century school leader must be a hands-on user of technology, and he or she must be a competent user of information and technology tools common to the information-age professional.

EDL 648 - Leadership for Educational Equity and Social Justice
3 credit hours
Analyzes interrelationships of identity differences with educational and social, policy contexts, and practices, with attention to Alabama schools' equity data. Equitable access to
institutional structures of support, including technology, is also examined.

**EDL 650 - Systemic Planning and Design for School Improvement**  
3 credit hours  
Primarily for those students who are physically on the job either employed in an administrative position or as part of a practicum. A daily journal will be kept of activities engaged in, problems anticipated or encountered and their solutions. A project for school improvement will be planned, organized, and implemented. In addition to supervisory aid from the personnel of the local system, students will be visited periodically by the College supervisor.

**EDL 651 - Systemic Evaluation of School Improvement**  
3 credit hours  
Primarily for those students who are physically on the job either employed in an administrative position or as part of a practicum. A daily journal will be kept of activities engaged in, problems anticipated or encountered and their solutions. A project for school improvement will be planned, organized, and implemented. In addition to supervisory aid from the personnel of the local system, students will be visited periodically by the College supervisor.

**EDL 690 - Teacher Leadership for the 21st Century**  
3 credit hours  
Identification and exploration of standards established by national educational organizations, regional accrediting societies, and local schools. Reflection on how standards guide decision-making for instructional programs emphasized.

**EDL 691 - Research and Planning for School Improvement**  
3 credit hours  
Targeting areas of needed improvement within the school and/or community. Current problems, issues, organizational patterns, and evaluation techniques appropriate to the school and/or community setting investigated, using a variety of research methodologies to develop a plan of action. Emphasis on national, regional, and local standards as evaluative criteria.

**EDL 692 - Implementation and Evaluation of School Improvement**  
3 credit hours  
This course will introduce graduate students to the definition, origins, and theoretical foundations, goals, and procedures of action research. In addition, students will conduct a literature review, decide on an area of focus, and determine appropriate data-collection techniques for a classroom-based action research project. The course culminates with the implementation of research and presentation of findings in the form of an action research report. Prerequisite(s): EDL 691.

**EDL 698 - Independent and Informal Study**  
3 credit hours  
Detailed study of a specific school-related problem. The student must have the approval of his/her adviser. All work must be completed and in the hands of the instructor in charge at least two weeks in advance of the close of the semester in which the credit is to be recorded.

**English**  
*College of Arts & Sciences*

**ENG 500 - Introduction to Graduate Studies**  
3 credit hours  
The course introduces beginning M.A. students to the content and relational knowledge expected of a successful graduate student in literary studies. This course is normally taken during the first semester of enrollment.

**ENG 504 - Literature for Young Adults**  
3 credit hours  
A study of classical and modern literature dealing with stages of adolescent development. Selections include a variety of genres with special attention to the young adult novel.

**ENG 505 - Studies in One or Two Authors**  
3 credit hours  
Close study of selected texts by a single figure (e.g. Shakespeare, Chaucer, Austen) or comparison of texts by a pair of writers (e.g. Barrett Browning and Dickinson). May be repeated for credit as authors vary. Prerequisite(s): ENG 300 or consent of instructor.

**ENG 508 - Practicum in Writing Center Tutoring**  
1-3 credit hours  
This course combines study of major scholarship on writing-center theory and practice with firsthand observations of tutoring sessions, followed by direct tutoring experience. It is intended for prospective and practicing Harbert Writing Center tutors, as well as for non-tutoring students who expect to teach writing during their careers. Prerequisite(s): ENG 101, 102, 231, and 232 or equivalents, or consent of instructor.

**ENG 511 - Studies in Drama**  
3 credit hours  
Study of the formal and generic features of drama. May emphasize development of dramatic form and content, a group of writers (the Irish Literary Revival), a period (Elizabethan and Jacobean), or a sub-genre (tragedy).

**ENG 512 - Studies in Poetry**  
3 credit hours  
Study of the forms and conventions of poetry. May emphasize a poetic kind (the lyric, the dramatic monologue, the elegy), a group of writers (Pope and his circle), a period or culture (contemporary Caribbean poetry), or a recurrent theme (country and city).

**ENG 513 - Studies in the Novel**  
3 credit hours  
Study of the formal and generic features of the novel. May emphasize the origins and development of the novel, a group of writers (contemporary African-American novelists), a period or culture (novels of the American South), or a sub-genre or kind (the Bildungsroman or picaresque).

**ENG 514 - Studies in Short Fiction**  
3 credit hours  
Study of the formal and generic features of the short story. May emphasize the origins and development of the short-
ENG 515 - Studies in Non-Fiction
3 credit hours
Study of various forms of non-fiction prose (biography, autobiography, diaries and other forms of personal writing, journalism, polemical writing, the essay, etc.).

ENG 519 - Special Topics in Genre
3 credit hours
Exploration of a selected problem in genre. May consider history and uses of a formal device (meter), a theoretical problem (the ideology of the sonnet), a historical problem (the relationship between the novel and emerging national identities), or a cultural-studies issue (constructions of race and gender in Early Modern English drama.)

ENG 523 - Medieval Literature
3 credit hours
Studies in literature of the Middle Ages (750-1500). May include Beowulf, Chaucer, Petrarch, Dante, Marie de France.

ENG 524 - Early Modern Literature
3 credit hours
Studies in literature of the Renaissance and seventeenth century (1500-1660). May include Spenser, Donne, Jonson, Marvell.

ENG 525 - Restoration and Eighteenth-Century Literature
3 credit hours
Studies in literature from the "long Eighteenth Century" (1660-1790). May include Dryden, Etherege, Bunyan, Defoe, Pope, Swift, Johnson.

ENG 526 - The Romantic Period
3 credit hours
Studies in literature of the Romantic period (1790-1832). May include Blake, Wordsworth, Coleridge, Byron, the Shellesys, Keats.

ENG 527 - The Victorian Period
3 credit hours
Studies in literature of the Victorian period (1832-1900). May include Carlyle, Tennyson, the Brownings, Arnold, the Rosettis, Hopkins, and Hardy.

ENG 528 - Modern Literature
3 credit hours
Studies in literature of the twentieth century. Aspects of modernism examined through texts of one or several genres.

ENG 531 - American Literature to 1865
3 credit hours

ENG 532 - American Literature After 1865
3 credit hours
Studies in American literature from the late nineteenth century through the present. May include Twain, James, Chopin, Crane, Dreiser, Steinbeck, Williams, Barth.

ENG 539 - Special Topics in Literature of a Region, Culture, or Period
3 credit hours
Exploration of a selected topic in a period or culture. May consider a historical problem (did women have a Renaissance or the literature of a period and/or subculture (the Harlem Renaissance, Southern Literature). May be repeated for credit if topic is different.

ENG 552 - Studies in Critical Theory
3 credit hours
A study of both ancient and modern critical concepts that attempt to discover meaning in or impose meaning on literary texts.

ENG 554 - Studies in Composition and Rhetoric
3 credit hours
Focused studies in specific areas of research in composition (e.g., studies in the composing process and rhetoric (e.g., classical rhetoric, rhetoric of particular genres).

ENG 555 - Advanced English Grammar
3 credit hours
Provides a standard framework for identifying and authoritatively discussing the grammatical forms and constructions of Standard English.

ENG 556 - The Writing Process: Theories and Practices
3 credit hours
This course explores and synthesizes theories and practices related to writers' processes and the teaching of writers. In addition to providing a foundation upon which students may develop strategies for improvising as writers, the course also will foster the kinds of skills needed for successfully assigning, analyzing, and responding to the writing of others. Prerequisite(s): ENG 101, 102, 231, and 232 or equivalents.

ENG 561 - Advanced Creative Writing
3 credit hours
In-depth workshop of poetry and/or creative prose. May focus on a particular genre or theme (the long poem, memoir, creative nonfiction). Includes readings in contemporary literature and at least one extended writing project. Limited enrollment. May be repeated with consent of instructor. Prerequisite(s): ENG 361 or equivalent or consent of instructor.

ENG 571 - African-American Literature
3 credit hours
Historical perspectives on issues, themes, and distinctive literary strategies in African-American literature.

ENG 572 - Literature of Plural America
3 credit hours
Studies in literature written by traditionally marginalized groups, including Native Americans, Latinos, Jewish-American, Asian-Americans, gays and lesbians.
Courses of Instruction

ENG 573 - Post-Colonial Literature
3 credit hours
Studies in literature arising from colonialism and the dissolution of European empires, including works from Africa, India, and the Caribbean.

ENG 574 - Anglophone Literature
3 credit hours
Study of literature from settler countries, including Canada, South Africa, and Australia.

ENG 575 - Literature by Women
3 credit hours
Study of literature by recently recovered or understudied women (e.g., American and English women of the seventeenth century).

ENG 589 - Selected Topics in Literature and Language
1-6 credit hours
A special-topics course designed to meet a particular program or student need; the number of credit hours is determined by the faculty member teaching the course, in consultation with the department chair.

ENG 590 - Graduate Seminar
3 credit hours

ENG 599 - Independent Study
3-6 credit hours
Students will work with a faculty member to plan and execute an independent study course in English. Departmental approval is required. Course requirements to be determined by the faculty member.

ENG 699 - Thesis
3-6 credit hours
This class will be taken as hours in which the student is planning, researching, and completing a Master’s Thesis in English under the supervision of their thesis adviser.

Environmental Studies
College of Arts & Sciences

ES 510 - Special Topics in Environmental Studies
3 credit hours
This course focuses on issues related to the natural environment and serves to foster awareness of environmental concerns. Course content and instructor will change with each offering. Course number may be taken repeatedly for credit providing course content differs. Approval of ES Coordinator is required.

Family and Consumer Sciences
College of Education

FCS 500 - Advanced Adolescent and Young Adult Development
3 credit hours
Theory and practice related to physical, social, intellectual, and emotional development of pre-adolescents through young adulthood.

FCS 502 - Advanced Marriage and Family Relationships
3 credit hours
Study of marriage and family with emphasis on the interrelatedness of other social institutions with the family. Family functions are examined with future alternatives and implications explored.

FCS 505 - Advanced Adult Development and Aging
3 credit hours
Perspectives on developmental issues in later life. Exploration of issues related to the adulthood and retirement years with special emphasis on processes and problems associated with growing older.

FCS 520 - Family and Consumer Sciences Curriculum in Secondary Schools
3 credit hours
A study of the basis of curriculum decisions and the development of family and consumer sciences programs consistent with socioeconomic and cultural needs of individuals and families.

FCS 521 - Seminar in Materials and Methods of Teaching Family and Consumer Sciences
3 credit hours
Study of current teaching methods and instructional materials suited to teaching family and consumer sciences and/or family and consumer sciences career-technical classes.

FCS 530 - Family Systems
3 credit hours
Examination of families as systems with discernible structure and patterns of interaction among the members. Family strengths and problems are addressed.

FCS 535 - Parent and Family Involvement
3 credit hours
Extends prior classroom experiences and focuses on multicultural awareness and intra- and interpersonal communication between families and teacher leaders. Impact of family diversity on instruction and communication in schools; traditional, required and proactive models for engaging families and school personnel in teamwork to support student achievement, empowerment of parents; development of advocacy skills in families and teachers, and the utility of family systems theory for analyzing and shaping effective home-school interaction included. Available only to majors in Class AA/EDS Teacher Leader Program.

FCS 544 - Food Science for Educators
3 credit hours
Application of theory and principles of food science for family and consumer sciences educators.

FCS 550 - Supervision in Family and Consumer Sciences
3 credit hours
A study of philosophy and issues in developing and implementing student teaching programs and in the supervision of teaching.
Courses of Instruction

FCS 552 - Advanced Clothing Design: Flat Pattern
3 credit hours
Development of creative designs through flat patterns. Includes construction of individual designs.

FCS 553 - Advanced Clothing Design: Draping
3 credit hours
Development of creative designs through draping. Each student will cover a dress form and execute designs.

FCS 555 - Advanced Foods and Nutrition
3 credit hours
A comprehensive study of the science of nutrition to include digestion, metabolism, and an overview of nutritional disease states.

FCS 560 - Family and Consumer Sciences Education Workshop
3 credit hours
A study of selected areas of family and consumer sciences content in a workshop format.

FCS 562 - Textile Economics
3 credit hours
In-depth investigation of the American textile industry and its role in world-wide production of textiles, domestic and international trade, textile legislation, and the relationship between the textile industry and the U.S. government.

FCS 564 - Advanced Child- and Elder-Care Programs and Services
3 credit hours
Advanced strategies and procedures required for operation of quality child- and elder-care services and programs including organizational structure, personnel policies and procedures, program administration, business practices, grant writing, and meeting needs with developmentally appropriate facilities and activities. Admission to the Graduate Program.

FCS 565 - Research in Family and Consumer Sciences
3 credit hours
A study of family and consumer sciences research and an introduction to research methods.

FCS 570 - Problems in Family and Consumer Sciences
1-6 credit hours
An independent study focusing on a current issue or problem in family and consumer sciences. Requirements to be determined by instructor and student. Text to be determined by content area selected. Approval of instructor.

FCS 572 - Quantity Foods for Educators
3 credit hours
Planning, procuring, storing, producing, and serving foods for families and for commercial establishments; emphasis on nutritional needs, culture, socioeconomic levels; in-depth study of safety and sanitation for foodservice/culinary arts teachers. Prerequisite(s): FCS 170 or equivalent and admission to graduate study in Family and Consumer Sciences Education.

FCS 583 - Advanced Consumer Economics
3 credit hours
Study of consumer problems and issues with emphasis on family financial management.

FCS 585 - Life Cycle and Community Nutrition
3 credit hours
Human nutrition needs from conception through old age; emphasis on nutrition services and resources available in a community for individuals of all ages. Prerequisite(s): FCS 281 or equivalent or consent of instructor.

FCS 587 - Foundations of Family and Consumer Sciences/Career and Technical Education
3 credit hours
This course will include an analysis of family and consumer sciences/career and technical education philosophy, theory, and research and their relationship to other curriculum areas. The course will also include the application of critical-thinking skills, diverse perspectives, and reflection related to family and social issues.

FCS 589 - Coordination and Supervision of Work-Based Learning
3 credit hours
The course will focus on the impact of selected legislation on Family and Consumer Sciences/Career and Technical Education programs. Emphasis will also be placed on teaching techniques and strategies for cooperative education, school-to-work programs, and work-based education programs. In addition, the problems involved in the organization and administration of modern FCS/CTE programs will be addressed.

FCS 590 - Advanced Family Life Education
3 credit hours
This course will provide graduate students with a comprehensive understanding of the theories and principles of family life education in conjunction with the ability to plan, implement, and evaluate such educational programs. It will include research and theories related to planning, implementing, and evaluating programs; education techniques; sensitivity to others; and sensitivity to community concerns and values.

FCS 591 - Advanced Methods and Materials for Teaching Family and Consumer Sciences
3 credit hours
Advanced strategies and methods for teaching family and consumer sciences career connections and family-life programs in middle- and secondary-school settings; organization, administration, and assessment of career/technical programs including project-based learning, student organizations, advisory committees, business/industry certification, workplace applications, and career portfolio development. Admission to Phase II required.

FCS 594 - Implementation of Early Childhood Programs
3 credit hours
The organization, planning and evaluating of various types of programs for young children with emphasis upon teaching methods and resources. Directed observation and participation in early childhood education programs included.
Courses of Instruction

FCS 610 - Current Programs and Trends in Foods and Nutrition
3 credit hours
A comprehensive review of nutrition and diet trends, nutrients and their functions and nutrition software. Development and evaluation of visual and teaching aids in foods and nutrition.

FCS 615 - Recent Developments in Clothing and Textiles
3 credit hours
An update of the various fields of study in clothing and textiles. Includes readings in the areas of clothing and textiles with special emphasis on curricular trends throughout the nation.

FCS 620 - Advanced Seminar in Family and Child Development
3 credit hours
A study of current literature, research, and trends in selected areas of marriage and the family, including cross-cultural comparisons.

Finance
Michael E. Stephens College of Business
FI 572 - Financial Management
3 credit hours
This course extends the student's understanding of corporate financial management with an emphasis on investment and financing decisions within the corporation. The course combines lectures with cases to develop a solid understanding of the modern theory and practice of financial management. Admission to the M.B.A. program required.

GB 509 - MBA Internship Practicum
3 credit hours
This course will provide selected students with work-related experience in a private, public, or non-profit organization to enhance student learning of academic concepts and their application in actual organizations. Active oversight by faculty is required, along with dedicated mentoring by an approved preceptor in a suitable organization. Specific learning objectives and related experiences are required, as is submission of work products suitable for faculty evaluation of performance. Admission to the M.B.A. program required.

GB 560 - MBA Special Topics
3 credit hours
A study of selected topics related to organizations and their management using readings, lectures, and discussion on subject matter so current or unique that it is not generally included in other course offerings. Admission to the M.B.A. program required.

GB 576 - MBA Directed Study and Research
3 credit hours
Directed study and research on an approved topic by student under direction of faculty member to allow student to develop in-depth knowledge concerning a particular topic in an area related to organizations and their management. Student will develop the skills and insights necessary to critically review research material, design and implement a research study, and effectively communicate findings and their implications for managerial practice. Admission to the M.B.A. program required.

Geography
College of Arts & Sciences
GEOG 511 - Selected Topics in Geography
3 credit hours
Topics vary. Course may be repeated for credit as topic changes. Prerequisite(s): HIST 101 and 102.

GEOG 566 - Political Geography
3 credit hours
Major political structures and geopolitical implications of location, shape, area, culture, and natural environment of nations and states. Spatial analysis of voting behavior.

History
College of Arts & Sciences
HIST 511 - Selected Topics in History
3 credit hours
Topics vary. May be repeated for credit when topic varies.

HIST 521 - Seminar in Medieval European History
3 credit hours

HIST 522 - Seminar in Early Modern European History
3 credit hours

HIST 523 - Civil Rights Movement
3 credit hours

HIST 524 - Colonial Latin America
3 credit hours
This course examines the Americas before European conquest, the nature of Spanish and Portuguese colonialism, the impact of colonialism on the American environment, the nature of chattel slavery, the formation of multiracial and multi-ethnic societies, systems of social stratification, the collapse of colonial empires and establishment of independent republics after 1808. Special attention will be paid to factors that still affect contemporary Latin America. Prerequisite(s): HIST 101 and 102. (Cross-listed with HIST 424).

HIST 525 - Modern Latin America
3 credit hours
This course surveys major themes in Latin American history after the independence was achieved from Spain and Portugal. Since it would be impossible to provide a detailed treatment of every Latin American country, the objective of
the course is to give students a working knowledge of the ideas, experiences, and problems common to the region as a whole. Political ideologies, economic underdevelopment, authoritarianism, civil rights, democratic development, and the United States' presence in the region are some of the themes that will be covered in this course. Prerequisite(s): HIST 101 and 102.

HIST 526 - U.S.-Latin American Relations: 1820 to present 3 credit hours
This course analyzes the political, social, and cultural events that have marked the relationship between Latin American countries and the United States. Students will consider the history of individual countries, while at the same time analyzing the influence of the United States policy on the region as a whole. The goal of the course is to introduce the student to factual and interpretive material useful for making informed judgments regarding the unequal interactions between the peoples of Latin America and the United States from 1820 to the present. Prerequisite(s): HIST 101 and 102.

HIST 532 - History of French Film 3 credit hours
This course will examine developments in modern French history through the analysis of French films. We shall discuss the evolution of film techniques, the elements of film history, and the role of national identity in French history. Prerequisite(s): HIST 101 and 102. (Cross-listed with FRN 423)

HIST 533 - Modern Brazil 3 credit hours
This course surveys Brazilian history beginning with the founding of an independent state in 1822. Topics covered include slavery, regionalism, immigration, the economy, the armed forces, and other major themes such as race, class, gender, politics, and religion. Prerequisite(s): HIST 101 and 102.

HIST 534 - Seminar in 20th Century European History 3 credit hours

HIST 535 - History of Modern Japan 3 credit hours
A general survey of Japanese history from 1600 to the present. Examines the major events and trends in Japanese politics, economics, and society in an international context. Topics include: the "Tokugawa legacy", the Meiji Restoration, the "Westernization" of Japan, Japanese relationships with China, the Second World War, and the post-war economic "Miracle."

HIST 536 - Seminar in American History 3 credit hours

HIST 541 - History of England I 3 credit hours
A survey of the political, constitutional, legal, economic, social and cultural development of England from Roman times to the Glorious Revolution.

HIST 542 - History of England Since 1688 3 credit hours
A survey of the political, constitutional, legal, economic, social and cultural development of England from the Glorious Revolution to the 20th century.

HIST 547 - Medieval European History, 476-1400 3 credit hours
European history from the fall of the Roman Empire to the Renaissance. Emphasis will be on the religious, political, intellectual, and cultural development of Western Europe. Prerequisite(s): HIST 102.

HIST 548 - Renaissance and Reformation, 1300-1653 3 credit hours
Will investigate the literary, artistic, intellectual, religious, and cultural achievements of Renaissance Italy, the rise and growth of Protestantism, and the Catholic reaction against the background of the economic, political, and social developments in Western Europe. Prerequisite(s): HIST 101 and 102.

HIST 555 - The French Revolution and the Napoleonic Era, 1789-1815 3 credit hours
Deals with the origin of the French Revolution in the institutions of the old regime and the ideas of the Enlightenment, and traces the course of revolutionary events in France and their impact throughout Europe. It also examines the rise of Napoleon, the Napoleonic wars, the impact of Napoleonic France upon Europe, the eventual defeat of Napoleon, and the general peace settlement.

HIST 558 - History of Germany, 1871-1945 3 credit hours
A survey of German history beginning with the Second Reich, the Weimar Republic and the Third Reich. Emphasis on the cultural, social, and political origins of Nazism and the Holocaust.

HIST 560 - History of the South 3 credit hours
This course will examine the principal social and cultural factors that have contributed to the unique development of the South from colonial times to the present. Some attention will be given to the political and economic development of the region.

HIST 561 - History of Early Modern Europe, up to 1789 3 credit hours
A survey of European history from the Renaissance up to the outbreak of the French Revolution. Emphasis will be on the growth of Nation States, conflicts between Absolutism and Constitutionalism, the Scientific Revolution, changing social and economic patterns, and the Enlightenment. Prerequisite(s): HIST 101 and 102.

HIST 565 - History of France Since 1815 3 credit hours
A continuation of HIST 555. Examines the major trends in French history in a European and international context. Topics include: The Bourbon Restoration, the Second Empire, the Third Republic, the Two World Wars, the Fourth and Fifth Republics, Reconstruction, Decolonization, and
Courses of Instruction

the European Union.

HIST 570 - Colonial America
3 credit hours
A history of the American colonies, covering the social, cultural, economic and political development of the region and its peoples to 1763.

HIST 571 - Revolutionary America
3 credit hours
This course covers the origins, development and consequences of the American Revolution from 1763 to 1800.

HIST 572 - History of Alabama
3 credit hours
A survey of the political, economic, social and cultural developments of the region that comprises Alabama from pre-historic times to the present. Emphasis is placed upon local developments within a framework provided by the whole of American history.

HIST 573 - African-American History
3 credit hours
Examines the experience of blacks in America from 1619 to present, with special attention to slavery, emancipation, segregation, race, leadership, and the Civil Rights Movement.

HIST 574 - Jefferson-Jacksonian America
3 credit hours
Traces the development of the United States through the early national period, 1800-1850. Focuses on Jeffersonian Republicanism, Jacksonian Democracy, and growing sectionalism in the early nineteenth century.

HIST 576 - Civil War and Reconstruction
3 credit hours
A study of the events leading to the Civil War; the major military, diplomatic, economic, and social issues associated with the war; and the developments during Reconstruction.

HIST 577 - The Gilded Age
3 credit hours
This course examines the political, economic, social, and technological developments of the United States from 1877 to 1920. Topics will include industrialization, labor unions, the New South, Populism, and Progressivism.

HIST 579 - History of Alabama's Constitutions
3 credit hours
This course explores the historical basis for Alabama's constitutions and considers the need for reform of the state's 1901 constitution. (Cross-listed with HIST 479).

HIST 580 - Diplomatic History of the United States
3 credit hours
Foundations of American diplomacy and America's expanding role in international affairs.

HIST 581 - The United States, 1900-1945
3 credit hours
This course is a survey of the history of the United States, 1900-1945, with special emphasis on the economic, political and social problems of the period.

HIST 582 - The United States Since 1945
3 credit hours
This course surveys the beginning of the Cold War and the wars in Korea and Vietnam. Domestic economic, political, and social problems of the period are also covered.

HIST 583 - History of Africa
3 credit hours
African geography, culture, and people. Prerequisite(s): HIST 101 and 102.

HIST 584 - U.S. Wars-Korea and Vietnam
3 credit hours
This course examines recent military experiences of the United States in terms of the traditional American way of preparing for and waging war. To do this the course considers the emergence of a military policy following World War II that was unique in the American experience. As national policy changed in response to the communist threat, the armed services adapted to the new demands of a hostile world. Thus, permanent readiness for war became a part of American life during the Cold War. Historical inquiry will focus on military tactics, operations, and strategies; grand strategy; foreign policy; domestic politics; international diplomacy; social impacts; and lessons learned. (Cross-listed with HIST 484).

HIST 590 - Directed Reading
3 credit hours

HIST 595 - Internship in History
Up to 6 credit hours
Individual reading and study with a faculty member and work on an approved project with the Alabama Department of Archives and History, the Archival Department of the Birmingham Public Library, and the Alabama Historic Commission or a similar cooperating institution.

Kinesiology

College of Education

KNES 500 - The Curriculum in Kinesiology
3 credit hours
A survey of present status of the school curriculum in physical education. Emphasis given to the study of criteria and standards in the selection, evaluation and grade placement of course content and physical activities. Admission to the TEP Program; graduate level required.

KNES 501 - Advanced Study of Methods and Techniques in Athletic Coaching
3 credit hours
Theory and advanced techniques of coaching. Special attention given to conditioning and motivation of the athlete and philosophies of different coaches.

KNES 502 - Developing Creativity Outdoors
3 credit hours
Contribution to a child's creativity through exploration, discovery, and direct experiences utilizing the natural environment as a learning laboratory, through physical education activities.
KNES 507 - Introduction to Research Methods in Health, Physical Education and Recreation
3 credit hours
Introduction to graduate study with emphasis upon collecting, organizing and reporting data gathered in studying selected problems.

KNES 520 - Evaluation in Health and Kinesiology
3 credit hours
Study of tests and evaluation materials pertinent to the area of health and physical education. Includes methods of gathering data, administering tests, test construction, marking and grading, and statistical analysis of data. Admission to the TEP Program; graduate level required.

KNES 521 - The Curriculum in Health
3 credit hours
Analysis of basic principles, techniques and methods of curriculum development for school health instruction. Emphasis on selection of subject matter, scope and sequence, and of various curriculum designs as well as teaching strategies in a comprehensive school health curriculum.

KNES 522 - The School Health Program
3 credit hours
Correlation and integration of health instruction with the total seven other components of the school program will be reviewed. Advances and recent developments in the field of health also studied.

KNES 525 - Motor Learning and Psychological Aspects of Movement
3 credit hours
Investigation of factors that have implications for motor learning throughout the life span; practical implications for teaching, coaching, and analyzing motor skills.

KNES 530 - Middle and Secondary Methods of Teaching Physical Education (6-12)
3 credit hours
Emphasis on planning, class organization and management strategies, instructional strategies, assessment, and issues impacting the middle and secondary physical-education program. Course is field-based for 10 weeks at a middle/secondary school. Admission to the TEP Program; graduate level required.

KNES 531 - Organization and Administration of Athletics
3 credit hours
Study of principles and policies of athletics administration. Special emphasis on organizational patterns and procedures in intramural, interscholastic and intercollegiate programs.

KNES 540 - Seminar in Health, Physical Education and Recreation
3 credit hours
Study of developments in the field of education, with particular emphasis on health and physical education. Current issues will be researched with special attention to the application of research.

KNES 550 - Administration of Programs of Health and Physical Education in Elementary and Secondary Schools
3 credit hours
Problems of administration in the design and conduct of programs in health and physical education at the elementary and secondary school levels.

KNES 551 - Readings in Physical Education
1-3 credit hours
Directed readings and comprehensive review of literature of the discipline of health and physical education which will culminate in research papers and presentations. This course can be repeated one time for up to 3 hours credit with Program Coordinator approval.

KNES 555 - Wellness Leadership
3 credit hours
The course is designed to assist professionals to conceptualize documented strategies for achieving a high level of wellness. Emphasis should be placed upon current personal lifestyle behaviors and issues that are recognized nationally and state-wide as public health concerns.

KNES 575 - Adapted Physical Education for the Exceptional Child
3 credit hours
Designed to provide students with basic knowledge and skills necessary to meet the needs of exceptional children.

KNES 589 - Elementary Methods in Physical Education
3 credit hours
Emphasis on planning, class organization and management strategies, instructional strategies, and assessment in the elementary physical-education program. Course is field-based for 10 weeks at an elementary school. Admission to the TEP Program; graduate level required.

KNES 590 - Directed Reading or Directed Individual Study
3-6 credit hours
With permission of adviser. This course can be repeated two times for up to 6 hours credit with Program Coordinator approval.

Management
Michael E. Stephens College of Business

MG 500 - Civilization, Society, and Organizations: Issues and Ideas
3 credit hours
In this course students will develop an appreciation of the historical, socio-cultural, political, legal, environmental, scientific, and economic evolution of organizations in a global context. Students will acquire a sense of the complexity of business ethical situations, the laws regarding corporate governance, and the role of their personal integrity and values. Admission to the M.B.A. program required.

MG 561 - Leadership of Human Resources and Organization Development
3 credit hours
Courses of Instruction

This course examines the role of managers as leaders in shaping the behavior of organizational participants in order to simultaneously accomplish the organization's performance goals and bring about adaptive change and organizational development. Selected topics from organizational behavior, human resources management, and the organization change and development literature are reviewed to develop conceptual insights. Case studies, exercises, presentations, and team projects are used to develop leadership skills and synthesize course concepts. Admission to the M.B.A. program required.

MG 565 - Global Organizations and Management
3 credit hours
Students will understand globalization and its impacts on business. Students will explore the corporate social performance of business and the impacts upon societies and organizations. The course will explore the corresponding demands on management systems and individuals. Analysis of global issues and application of program concepts and skills to the resolution of these issues is emphasized. Admission to the M.B.A. program required.

MG 589 - Strategic Management
2 credit hours
Students will understand organizations as an integrated system; the relations between the functional areas; and long-range planning, implementation and control as means for value creation and competitive advantage. A capstone project requiring integration of program concepts and skills in an applied setting is required. Admission to the M.B.A. program required.

MG 590 - Strategic Management Capstone
1 credit hour
This course assists students in preparing their capstone project for completion of the M.B.A. program. This course must be taken during the final term in the program and deliver a comprehensive project that demonstrates the student’s ability to integrate concepts across program coursework in an exemplary work product. This project must be approved by and completed under supervision of program faculty. Prerequisite(s) with concurrency allowed: MG 589.

Marine Science
College of Arts & Sciences

MSCI 500 - Marine Vertebrate Zoology
4 credit hours
A study of marine fishes, reptiles and mammals, and an in-depth, comprehensive treatment of their systematics, zoogeography and ecology. Lectures will encompass subject matter of a non-regional basis. Field and laboratory work will stress the vertebrate fauna of the Northern Gulf of Mexico. Most of the course will be devoted to fishes. Students will have an opportunity to assemble a collection of vertebrate species. Prerequisite(s): BIO 106.

MSCI 501 - Marine Biology
4 credit hours
A general survey of the invertebrates, vertebrates, and marine plants as communities with emphasis on local examples of these principal groups. Students will have an opportunity to examine marshlands, estuarine beach, dune inlet and neritic habitats and niches. Lecture, laboratory, and field work will be included. Prerequisite(s): BIO 105 and 106.

MSCI 510 - Marine Invertebrate Zoology
4 credit hours
A study of the natural history, systematics and morphology of marine invertebrates from a variety of habitats in the Gulf of Mexico, oriented toward a field and laboratory approach. Participation in extended field trips is part of the course. Prerequisite(s): BIO 106, MSCI 501 suggested.

MSCI 520 - Coastal Ornithology
4 credit hours
Study of coastal and pelagic birds with emphasis on ecology, taxonomy and distribution. This course includes identification, population dynamics, and behavior of coastal birds and overnight trips to offshore islands. Prerequisite(s): BIO 106.

MSCI 530 - Marine Botany
4 credit hours
A general survey of coastal and marine flora with emphasis on taxonomy, morphology, physiology, ecology and distribution. Community structure of various ecosystems will be studied. Students will have an opportunity to examine pelagic, marshlands, estuarine beach, sand dune and inlet niches. Lectures and laboratory work will be included and a collection will be required. Prerequisite(s): BIO 105.

MSCI 551 - Coastal Climatology
2 credit hours
A study of the controlling factors and features of the world's climates, with particular attention to coastal areas, and application and interpretation of climate data.

MSCI 568 - Marine Behavioral Ecology
4 credit hours
This course will introduce students to principles of animal behavior as applied to marine organisms. Students will relate the evolutionary significance of these behaviors, learn techniques for observing animal behavior in the field and laboratory, design and conduct behavioral experiments and

Management Information Systems
Michael E. Stephens College of Business

MIS 567 - Project and Information Systems
3 credit hours
Students will investigate how information technologies influence the structure and processes of organizations and economies, and how they influence the roles and techniques of management. Technologically enabled communications will be emphasized. Admission to the M.B.A. program required.
learn methods for analyzing behavioral data. Prerequisite(s): BIO 106. MATH 147 recommended.

MSCI 570 - Marine Ecology
4 credit hours
Bioenergetics, community structure, population dynamics, predation, competition, and speciation in marine ecosystems will be studied. Lecture and laboratory work will be included, although considerable time will be spent in field work. Prerequisite(s): BIO 105-106; CHEM 121-122; PHYS 201-202. MSCI 501 or MSCI 510 recommended.

MSCI 575 - Marsh Ecology
4 credit hours
This field course is designed for those students who wish to gain a basic understanding of the ecology of a salt marsh. Emphasis will be placed upon habitat analysis, natural history studies and the population dynamics of selected vertebrates. Each student will be assigned a specific field problem that will be terminated by a technical paper. All students will be expected to live at Point Aux Pines Field Station. Prerequisite(s): BIO 105 and 106.

MSCI 577 - Marine Protozoology
2 credit hours
This course will teach students the major groups of protists from a variety of marine habitats, including their taxonomy, structure, ecology, and methods of studying. The emphasis will be on live material from the Gulf, from salt marsh, thos and sand, from microscopic communities on solid substrates, and from other organisms. Prerequisite(s): BIO 105 and 106. BIO 380 recommended.

MSCI 580 - Special Topics in Marine Science
1-4 credit hours
Graduate-level marine science courses offered at Dauphin Island Sea Lab. See the UM DISL liaison for more information. Prerequisite(s): At least 8 hours of majors-level undergraduate and/or graduate science courses. Individual courses may have additional and/or specific prerequisites.

MSCI 585 - Research on Special Topics
2-6 credit hours
Students may enroll by special arrangement in any of the course areas offered by the lab subject to the availability of the appropriate staff member.

Marketing
Michael E. Stephens College of Business

MK 551 - Marketing Management
3 credit hours
Marketing is the organizational function that addresses the design and implementation of programs to create, deliver, and sustain value for customers or clients. In this course, students apply universal concepts of marketing to define marketing problems, analyze the marketing environment, evaluate alternative actions, and implement an integrated set of marketing tactics to carry out the organization’s objectives in its target markets. A key focus is the development of analytical skills necessary to manage marketing plans and strategy in the context of both for-profit and non-profit organizations. Admission to the M.B.A. program required.

Mathematics
College of Arts & Sciences

MATH 501 - Mathematics for Teachers
3 credit hours
Mathematical logic and symbols, basic number theory, and elementary abstract algebra. Prerequisite(s): MATH 310.

MATH 502 - Linear Algebra for Teachers
3 credit hours
Basic linear algebra and its applications, including vectors, matrices, systems of linear equations, and an investigation of geometry from an algebraic point of view. Prerequisite(s): MATH 310.

MATH 505 - The History and Philosophy of Mathematics
3 credit hours
An introduction to the history of mathematics, along with the attending development of the philosophical aspects of mathematical inquiry. Emphasis is placed on historically important problems in arithmetic, geometry, trigonometry, algebra, and analysis. Mathematical abstraction and generalization will be examined in historical context, from early enumeration systems through the modern era. Prerequisite(s): MATH 310.

MATH 510 - Elementary Function Theory for Teachers
3 credit hours
An examination of various aspects of real-valued and complex-valued functions. Topics include trigonometric, logarithmic, exponential, and other elementary functions, together with the concepts of limit, continuity, and differentiability. Properties of the real line, and how they contribute to the properties of functions, are also examined. Prerequisite(s): MATH 310.

MATH 521 - Complex Analysis for Teachers
3 credit hours
A development of the complex numbers and the geometry of the complex plane. Topics include analytic functions as planar mappings, the Riemann sphere, and certain portions of the theory of equations. Prerequisite(s): MATH 310.

MATH 535 - Sequences and Series
3 credit hours
A rigorous examination of the concept of convergence of sequences and series of real numbers. Topics include limits, absolute convergence, various convergence tests, Taylor series, and an introduction to sequences and series of complex numbers. Prerequisite(s): MATH 310.

MATH 540 - Abstract Algebra
3 credit hours
An introduction to algebraic systems, including groups, rings, and fields. Prerequisite(s): MATH 310.
Courses of Instruction

MATH 570 - Real Analysis
3 credit hours
A study of functions, including convergence, continuity, differentiability, infinite series expansions and the supporting theory. Prerequisite(s): MATH 272 and MATH 310.

MATH 580 - Topology
3 credit hours
Theory of sets, metric spaces, topological spaces, connectedness, and compactness. Note: Students may not receive credit for both MATH 480 and MATH 580. Prerequisite(s): MATH 310.

MATH 590 - Individual Study
3 credit hours
A course which allows the student to do independent study to further knowledge and competence in a specialized area. The material to be studied will be determined in consultation with the faculty member supervising the student. May be repeated twice for credit if topic is different. Consent of instructor and Department Chair.

MATH 595 - Special Topics
3 credit hours
Topics will be announced prior to registration. May be repeated twice for credit if topic is different.

Music
College of Fine Arts

MUS 520 - History and Philosophy of Music Education
3 credit hours
A study of the history of music in education in the United States, with emphasis on current teaching philosophies and methods and their origins.

MUS 530 - Advanced Music History
3 credit hours
An examination of reference materials and basic research techniques in music history including intensive study of a selected topic. Prerequisite(s): MUS 351, 352, or equivalent.

MUS 549 - Advanced Music Methodology
3 credit hours
Advanced studies of the rehearsal techniques and repertoire selection appropriate for Pre-K through 12th grade (Instrumental and Choral), organization of programs from beginning levels through high school, budgets and physical facilities, and specialized areas. Student presentations on various common methods including: Orff, Kodály, Dalcroze, Gordon Music Learning Theory, Suzuki Talent Education, Comprehensive Musicianship, Early Childhood Education, and Technology in Education. Advance studies in methods relate to classroom management.

MUS 557 - Advanced Stylistic Analysis
3 credit hours
Concepts involved in analyzing style in music, with special reference to techniques of macroanalysis and microanalysis. Prerequisite(s): MUS 231 or equivalent.

MUS 576 - Music Education Seminar
3 credit hours
Investigation of measurement and evaluation in music education; seminar centered around intern teaching experience addressing pedagogical areas needing emphasis or strengthening. Consent of instructor.

Philosophy
College of Arts & Sciences

PHIL 565 - Special Topics in Aesthetics
3 credit hours
This course offers in-depth exploration of the philosophical positioning within specific artistic fields (i.e., music, literature, and the visual arts). May be repeated for up to nine (9) credit hours if topic is different. Prerequisite(s): Any 200-level PHIL course or equivalent or consent of instructor.

Physics
College of Arts & Sciences

PHYS 540 - Laboratory Instruction in Physics
1-3 credit hours
This course provides a comprehensive study of high school physics laboratory instruction. Through participation in lab preparation and instruction with the Alabama Science in Motion program, as well as independent studies and projects, students will address practical applications of the lab experience including safety issues, facilities, equipment, techniques, and education goals. Special emphasis will be placed on the development of lab activities that encourage an inquiry approach to learning. Pending scheduling, lab observation and/or instruction with the ASIM Specialist at a participating school may be required. Course may be repeated for credit for up to a total of 6 hours. Consent of instructor and acceptance into a graduate program in secondary science education.

PHYS 550 - Introductory Physics Instrumentation
1-3 credit hours
This course is designed to acquaint high school physics teachers with the equipment and lab activities available through the Alabama Science in Motion program. It is taught in conjunction with the ASIM Physics Summer Institute. Instruction will include the theory and principles of the equipment available through the program, as well as its practical applications. Lab activities identified as Year 1 labs will be the focus for the introductory course. Special emphasis will be placed on the incorporation of inquiry techniques into laboratory instruction. Consent of instructor and acceptance into the ASIM Year 1 program, and acceptance into a graduate program in secondary science education.

PHYS 552 - Advanced Physics Instrumentation
1-3 credit hours
This course is designed to provide a more in-depth view of the equipment available through the Alabama Science in Motion physics program, as well as more advanced lab activities that utilize this equipment. It is taught in conjunction with the ASIM Physics Summer Institute. In addition
to the focus on lab activities identified as Year 2 labs, the advanced course will provide additional instruction on troubleshooting equipment operation. Special emphasis will be placed on the incorporation of inquiry techniques into laboratory instruction. Consent of instructor. Prerequisite(s): PHYS 550 and/or acceptance into the ASIM Year 2 program, and acceptance into a graduate program in secondary science education.

**Political Science**  
*College of Arts & Sciences*

**POS 511 - Selected Topics in Political Science**  
*3 credit hours*  
Topics vary. Course may be repeated for credit as often as topic changes.

**POS 522 - American Political Thought**  
*3 credit hours*  
An examination of political philosophy and thought in America, with emphasis on a comparison of the development of "liberal" and "conservative" ideological variations.

**POS 543 - Middle East**  
*3 credit hours*  
Middle East political issues, culture, institutions, and their historical background.

**POS 544 - Public Policy**  
*3 credit hours*  
Focuses on the role of government and non-government participants in the policy-making process at the federal level. In-depth explorations of certain substantive policy areas, such as education policy and environmental policy.

**POS 550 - Global Policy Studies**  
*3 credit hours*  
Students will engage political issues related to contemporary globalization, including the decline of the nation-state, the power of multinational organizations, global citizenship and direct-action politics, environmentalism, indigenous peoples, and human rights.

**POS 555 - International Relations**  
*3 credit hours*  
A broad range of traditional and contemporary theories of international relations will be investigated. Students will discover that the evolution of thinking about international relations is marked by both change and continuity, and they will gain new perspective on current events in world affairs through application of the theoretical method.

**POS 575 - Constitutional Law**  
*3 credit hours*  
An examination of the role of the Supreme Court in constitutional interpretation, with emphasis upon a study of the historical landmark decisions from the Marshall Court to the Rehnquist Court.

**POS 590 - Directed Reading**  
*3 credit hours*  

**POS 595 - Government Internship**  
*3-6 credit hours*  
Practical experience working in a politically related position under the guidance of a faculty member in political science.

**Quantitative Methods**  
*Michael E. Stephens College of Business*

**QM 563 - Decision Science for Operations Management**  
*3 credit hours*  
Students will employ decision science methodologies for problem solving in uncertain situations and utilize qualitative and quantitative information to draw conclusions. Conclusions will rest upon traditional and contemporary decision-making theories in static and dynamic settings. Students will acquire the understanding of the production models, supply chain management, total quality management and their role in the value creation process. Admission to the M.B.A. program required.

**Sociology**  
*College of Arts & Sciences*

**SOC 501 - Social Gerontology**  
*3 credit hours*  
Comprehensive examination of aging in contemporary society, with emphasis on the theories and social consequences of aging for individuals, groups, and society.

**SOC 502 - Sociology of Education**  
*3 credit hours*  
Comprehensive study of education as an institution of enculturation, with emphasis on the relationship of education and other social institutions, schools as experienced by students, and contemporary crisis in education.

**SOC 511 - Selected Topics in Sociology**  
*3 credit hours*  
Topics vary. Course may be repeated for credit as topic changes.

**SOC 545 - Sex Roles, Gender, and Culture**  
*3 credit hours*  
Study of sex roles within broader cultural patterns in various societies. Topics include: acquisition of gender, interactional styles, and political/economic consequences of gender differences.

**SOC 580 - Development of Sociological Theory**  
*3 credit hours*  
Origins and development of prominent sociological theories and the contributions of outstanding theorists.

**SOC 590 - Independent Study in Sociology**  
*3 credit hours*
Courses of Instruction

Special Education
College of Education

SPED 507 - Exceptional Learners in the P-12 and Secondary Programs
3 credit hours
Skills related to identification of exceptional learners at the P-12 and secondary levels and their needs related to an inclusive setting. Evaluation of the learner according to the exceptionality, environment, and family relationships.

SPED 508 - Exceptional Learners in the Early Childhood and Elementary Classroom
3 credit hours
Skills related to identification of exceptional learners at the early childhood and elementary levels and their needs as related to an inclusive setting. Analyzing the learner according to the exceptionality, environment, and family relationships.

SPED 515 - Instructional Methods in the Inclusive Early Childhood and Elementary Classroom
3 credit hour
Preparation of teachers to teach in inclusive classrooms through the introduction of advanced academic, behavioral and social instructional methods. Appropriate laboratory experiences provided. Prerequisite(s): SPED 508.

SPED 516 - Behavior Management in the Classroom
3 credit hours
Provides skills to manage the behavior of students with disabilities, including behavioral assessment, appropriate intervention strategies, and evaluation of intervention effectiveness at the advanced level. Prerequisite(s) with concurrency allowed: Course must be taken with or before SPED 507 or 508.

SPED 519 - Inclusion: Collaboration and Intervention
3 credit hours
Inclusion: Knowledge of learners with special needs and interpretation of formal and informal assessments. Knowledge of community resources, intervention and modification strategies, along with communication techniques among professionals and with parents.

SPED 540 - Practicum in Special Education
3 credit hours
While placed in self-contained and resource classrooms, students will administer individualized assessments, develop individualized educational programs, modify lesson plans, and consult with parents and professionals at an advanced level. Prerequisite(s): SPED 375.

SPED 562 - Assessment in Special Education
3 credit hours
The purpose of this course is to prepare pre-service special-education teachers to administer, score, and interpret assessment information for the purpose of educational planning at the advanced level. Prerequisite(s) with concurrency allowed: Course must be taken with or before SPED 507 or 508.

SPED 576 - Methods of Teaching Academic Subjects to the Deaf and Hard of Hearing
3 credit hours
Methods and materials for teaching academic subjects (mathematics, science, and social studies) to deaf/hard of hearing students at P-12 levels. Admission to the TEP. (Cross-listed with SPED 476).

SPED 577 - Language Development and Methods of Literacy Instruction for Deaf and Hard of Hearing
3 credit hours
Materials and methods for language development and literacy instruction for deaf/hard-of-hearing students at P-12 grade levels. This course is designed to enhance the student's knowledge, abilities, and dispositions regarding methods of teaching language and literacy to students who are deaf and hard of hearing through an in-depth study of language development, methods of assessment, and methods of language/literacy instruction currently used by teachers in classrooms for students with hearing losses. Students will develop an understanding of the impact of language on cognition and learning for students who are deaf or hard of hearing. Students will develop an understanding of the concept that DHH students are similar to ELL students except that they frequently are learning their first language in a spoken/signed format while simultaneously learning print literacy. Students will develop an understanding of their roles in the decision-making process in determining assessment and instructional strategies for language/literacy instruction for students who are deaf and hard of hearing. Students will apply theory to practice by developing a professional portfolio evidencing skills in assessment and instruction. (Cross-listed with SPED 477.)

SPED 582 - Assessment: Deaf and Hard of Hearing
3 credit hours
Administration, interpretation, and implementation of test data obtained from formal and informal testing instruments and procedures. (Cross-listed with SPED 482).

SPED 590 - Psychology and Education of the Deaf and Hard of Hearing
3 credit hours
Psychological, social, and educational development of individuals who are deaf or hard of hearing across the lifespan. (Cross-listed with SPED 490.)

Theatre
College of Fine Arts

THEA 532 - Directed Studies in Theatre
3 credit hours
Special offerings on a theatre topic at the graduate level. Focus toward educators at high school level. May be repeated for credit as topics vary.
University Organization

Board of Trustees

The Hon. Dr. Robert Bentley, Governor of Alabama, President ex officio
Dr. Philip Cleveland, Interim State Superintendent of Education, ex officio

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<tr>
<th>Trustee</th>
<th>Term Expires</th>
<th>City</th>
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<tr>
<td>Ms. Caroline Aderholt</td>
<td>2017</td>
<td>Haleyville</td>
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<td>Ms. Beth Chapman</td>
<td>2023</td>
<td>Hoover</td>
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<tr>
<td>Mr. Gary Ellis</td>
<td>2017</td>
<td>Gulf Shores</td>
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<tr>
<td>Mr. Brian Hamilton</td>
<td>2023</td>
<td>Birmingham</td>
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<td>Mr. W. Cobb &quot;Chip&quot; Hazelsrig</td>
<td>2023</td>
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<td>Mr. LeRoy Nix</td>
<td>2020</td>
<td>Maplesville</td>
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<tr>
<td>Ms. Libby Queen</td>
<td>2023</td>
<td>Alexander City</td>
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<td>Ms. Wynelle S. Sewell</td>
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<td>Mr. Todd R. Strange</td>
<td>2020</td>
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<td>Mr. Rodger Smitherman</td>
<td>2017</td>
<td>Birmingham</td>
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<td>Mr. David W. Wheeler</td>
<td>2020</td>
<td>Birmingham</td>
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<td>Ms. Xavier Scruggs, Student Trustee</td>
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Mr. Brian Hamilton
Ms. Wynelle Sewell
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Business Affairs

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Robert D. Walker, B.S., M.B.A. ............................................................... Director of Student Financial Services

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University Organization

Information Services & Technology

Craig Gray, B.S., M.S. ................................................................. Chief Information Officer
Kathy Adams, B.B.A. ................................................................. Director of Business Support Services
Taylor Armstrong, B.S. ............................................................. Coordinator for Academic Support
Dedrick Benson ................................................................. Solution Center Manager
Joseph Blake, B.S. ................................................................. Data Center Systems Administrator
Tom Fitch, B.A., M.A. ............................................................... VDI Administrator and Library Systems Support
Victoria Long, B.S., M.S. ........................................................ Application/SQL Administrator
Jason Peterson ................................................................. Network Services Coordinator
Robert Segrest, B.A. ............................................................... Banner Database Administrator

Student Affairs and Enrollment Management

Rick Barth, B.S., M.A., J.D., Ph.D. .................. Vice President for Student Affairs and Enrollment Management
Chadd Adams ....................................................... Chief of Police and Director of Public Safety
Jennifer Q. Bell, B.A., M.Ed. ................................................... Director of Student Life
Marion Brown, B.S. .......................................................... Director of University Events and Calendar Office
Audrey Crawford, B.B.A., M.S.C.E. .......................... Director of Undergraduate Recruitment
Tammi Dahle, B.A., M.Ed., Ph.D. ................................. Dean of Students
John Denson, B.S., M.A. ............................................................ Director of Housing and Residence Life
Greg Embry, B.S., M.Ed. ......................................................... Executive Director of Enrollment Management
Angie Kelly, B.A., M.Ed. .................................................... Director of Career Services
Deborah S. McCune, B.A., M.S. ........................................ Director of Disability Support Services
Joshua Miller, B.S., M.Ed. .................................................... Director of Counseling Services
Kimberly Moon, B.S., M.S. ................................. Physicians' Assistant/Director of Student Health Services

University Advancement

Brenda A. Knight, B.A., M.L.S. ........................... Executive Director of the University of Montevallo Foundation
Paula Bedran, B.S., M.B.A. .................................................. Director of Annual Giving
Gary Johnson, B.S., M.A. ................................................ Director of Comprehensive Campaign
Tracy Payne-Rockco, B.S., M.Ed., Ed.D. .................................. Director of Alumni Affairs
University Faculty

G Alexiou-Ray, Jennifer (2010) Associate Professor of Secondary Education/Instructional Technology
B.S., M.A., M.A. (2), Ph.D., University of Alabama

Ardovino, Joseph (1991) Professor of Music
B.M., University of Alabama; M.M., University of Cincinnati; D.M.A., University of Alabama

G Atwood, Emma (2016) Assistant Professor of English
B.A., Kalamazoo College; Ph.D., Boston College

G Armstrong, Mary Beth (1997) Dean of the College of Arts and Sciences and Professor of Communication Science and Disorders
B.S., Tulane University; M.C.D., Louisiana State University Medical Center; Ph.D., Louisiana State University

G Ayotte, Stacey (2005) Associate Professor of French
B.A., Hope College; M.A., Ph.D., Michigan State University

Bare, Virginia (2014) Assistant Professor of Psychology
B.A., Davidson College; M.A., Western Carolina University; Ph.D., University of Alabama

G Barone, Robert W. (1989) Professor of History
A.B., University of Rhode Island; Ph.D., Ohio State University

G Bawden, John T. (2009) Associate Professor of History
B.A., M.A., Ph.D., University of California, Riverside

Beal, Brendan (2016) Instructor of Social Work
B.S., M.S.W., Florida State University

Bell, Donna W. (2006) Assistant Professor of Family and Consumer Sciences
B.S., M.Ed., University of Montevallo; Ph.D., Auburn University

Benford, Jennifer H. (2015) Instructor of Biology
B.A., Wellesley College; Ph.D., Emory University

G Bennett, Joseph W. (2008) Associate Professor of Art
B.F.A., M.F.A., Savannah College of Art and Design

G Bennett, Misty (2003) Professor of Art
B.F.A., Savannah College of Art and Design; M.F.A., University of Georgia

G Bentley, Courtney C. (2009) Associate Professor of Instructional/Teacher Leadership and Program Coordinator
B.A., Auburn University; M.S., North Carolina A & T State University; Ed.D., Teachers College, Columbia University

Beringer, Alexander (2012) Assistant Professor of English
B.A., University of Wisconsin-Madison; M.A., Ph.D., University of Michigan

G Bharara, Prakash (1986) Professor of Chemistry
B.S., M.S., Ph.D., Rajasthan University

Bishop, Stacy (2014) Assistant Professor of Kinesiology
B.S., University of Mary Hardin-Baylor; M.S., Baylor University; Ph.D., The University of Alabama

G Bloom, Laura (2016) Assistant Professor of Family and Consumer Sciences
B.S., University of North Carolina; M.Ed., Ph.D., University of Alabama at Birmingham

Bounds, Christopher (2016) Assistant Professor of Sociology
B.A., University of Alabama; M.A., University of South Alabama; Ph.D., Mississippi State University

Brande, Barbara L. (1983) Assistant Professor of Geology
B.S., Rutgers University; M.S., State University of New York at Stony Brook

G Byrd, Houston (1996) Professor of Chemistry and Chair of the Department of Biology, Chemistry, and Mathematics
B.A., B.S., Sanford University; Ph.D., University of Florida

G Callaghan, David (1999) Professor of Theatre and Chair of the Department of Theatre
B.A., Rider College; M.F.A., Western Illinois University; Ph.D., The City University of New York

Caplow, Susan (2014) Assistant Professor of Environmental Studies
B.A., Pomona College; M.Sc., Central European University; Ph.D., University of North Carolina at Chapel Hill

Chandler, Erin (2015) Assistant Professor of English
B.A., Auburn University; M.A., Ph.D., University of Alabama
Chesley, Camille (2014) Assistant Professor and Reference and Instructional Librarian, Carmichael Library  
B.A., Oberlin College; M.S., University of Illinois at Urbana-Champaign

Cofield, Jerald L. (1999) Professor of Mass Communication  
B.A., University of Alabama; M.A., University of Montevallo; Ph.D., University of Alabama

A.S., B.S., Louisiana State University-Shreveport; M.S., Abilene Christian University; D.B.A., Louisiana Tech University; C.P.A.

G Cook, Tammy (2009) Associate Professor of Secondary Education  
B.A., Athens State College; M.A., Ph.D., University of Alabama

G Cost, Hollie C. (2000) Professor of Special Education  
B.A., M.Ed., Ph.D., Auburn University

G Craft, Stephen H. (2011) Dean of the Michael E. Stephens College of Business and Professor of Business  
B.A., Birmingham-Southern College; M.B.A., Ph.D., The George Washington University

Culpepper, Susan (2012) Associate Professor of Family and Consumer Sciences  
B.A., University of Montevallo; M.S., Florida State University; Ph.D., University of Alabama at Birmingham

G Daughettee, Charlotte L. (2000) Professor of Counseling and Chair of Counseling and Leadership Programs  
B.S., Indiana University; M.Ed., Ph.D., The University of South Carolina

G Davis, Ji Ji (2008) Assistant Professor of Elementary Education  
B.S., M.Ed., University of Montevallo; Ph.D., University of Alabama

G Day, James S. (2001) Professor of History  
B.S., United States Military Academy; M.A., University of Georgia; Ph.D., Auburn University

DeVane-Hart, Kelley (2016) Assistant Professor of Dietetics  
B.S., University of Montevallo; M.S., Ph.D., University of Alabama at Birmingham

Dillard, Clint (2012) Assistant Professor of Accounting  
B.S., Birmingham-Southern College; M.Acc., University of Alabama at Birmingham

G Doerfler, Carl (2005) Associate Professor of Political Science  
B.A., Brigham Young University; Ph.D., Texas A & M University

Doyle, Melinda S. (2011) Assistant Professor of Music  
B.M., M.M., University of South Florida; D.M.A., Louisiana State University

B.S.S.W., University of Montevallo; M.S.W., University of Alabama

Eckelman, Andrea (2016) Instructor of Political Science  
B.A., University of Texas; M.A. University of Houston

G Edwards, Claire M. (2006) Associate Professor of Communication Science and Disorders  
B.S., M.S., University of Alabama; Ph.D., University of Tennessee

Eloff, Jamie (2015) Instructor of Mathematics  
B.S., M.Ed., University of Montevallo

G Fallin, Wilson, Jr. (1992) Professor of History and Advisor to the President for Minority Affairs  
B.A., Morehouse College; M.Div., Colgate Rochester Divinity School; M.A., University of Montevallo; Ph.D., University of Alabama

Fennell, Curtis (2016) Instructor of Kinesiology  
B.S., M.S., Western Michigan University

Finklea, Bruce (2013) Assistant Professor of Mass Communication  
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Folds, Dusty (2014) Assistant Professor and Information Literacy and Digital Learning Librarian, Carmichael Library  
B.A., Samford University; M.L.I.S., The University of Alabama

Ford, Charlotte E. (2016) Professor and Director of Carmichael Library  
B.A., Earlham College; M.L.S., Ph.D., Indiana University

B.A., Jacksonville State University; M.A., University of Montevallo; Ph.D., Louisiana State University

G Forrester, Stefan B. (2007) Associate Professor of English and Philosophy  
B.A., M.F.A., Southern Illinois University; M.A., University of Oklahoma; M.A., Ph.D., University of Rochester

Foster, Ryan (2014) Instructor of Art  
B.F.A., University of Montevallo; M.F.A., University of South Florida
Faculty

Gaskill, Christopher (2013) Associate Professor of Communication Science and Disorders
B.A., Rhodes College; M.M., Emory University; M.A., Ph.D., University of Tennessee, Knoxville

B.A., Stillman College; M.M., Southern Illinois University; D.M., Florida State University

G Gilbert, D. Kristen (1998) Professor of Psychology
B.S., University of Montevallo; M.S., Ph.D., University of Memphis

G Gill, Emily (2009) Associate Professor of Theatre
B.A., Rollins College; M.F.A., University of Georgia

Gilmore, Lucy (2015) Instructor of Elementary Education
B.A., Mercer University; M.Ed., Auburn University at Montgomery

G Goldspiel, Alan (2008) Professor of Music and Chair of the Department of Music
M.M., Yale University; B.M., D.M.A., University of Hartford

G Graffeo, Karen (2000) Professor of Art
B.S., Jacksonville State University; M.A., M.F.A., University of Alabama

Halliday, Anna Rebecca (2012) Assistant Professor of Music
B.Mus., M.M.Ed., University of Georgia; Ph.D., The University of Southern Mississippi

Hamilton, Harold C. (1981) Associate Professor of Business
B.S., B.A., M.B.A., Suffolk University; D.B.A., Louisiana Tech University

Hardig, Sally B. (2002) Associate Professor of Communication Studies
B.A., University of Kentucky; M.A., Ph.D., University of Memphis

G Hardig, Terry M. (1999) Professor of Biology
B.S., M.A., Humboldt State University; Ph.D., Washington State University

Harrington, Judith (2013) Assistant Professor of Counseling and Foundations
B.A., North Central College; M.S., University of South Alabama; Ph.D., University of Alabama

Heatherly, Carey W. (2007) Associate Professor, Carmichael Library
B.A., Samford University; M.L.I.S., University of Alabama

G Herron, John D. (2005) Associate Professor of Mathematics
B.A., M.A., East Carolina University; Ph.D., University of North Carolina at Charlotte

G Hoffman III, Edward C. (2011) Assistant Professor of Music
B.M.E., B.M., The University of Southern Mississippi; M.Ed., Auburn University; Ph.D., University of Nebraska

G Hope, Kevin M. (2005) Associate Professor of Physics
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Stiver, Christopher Shawn Assistant Supervisor Paint Shop, Physical Plant
Stockard, Rachel B. Elementary Math Specialist, AMSTI, Inservice Center
Sullivan, Bradley Groundskeeper, Physical Plant
Swiney, Robert Brian Safety Education Specialist, Alabama Traffic Safety Center
Swint, Philip L. Custodian II, Physical Plant
Tabb, Erica Pope Project Specialist, ASPIRE/SSS
Taylor, Janet C. TIM, Technology Specialist, Inservice Center
Teague, Bridget Financial Aid Counselor, Financial Aid
Terrell, Nita Administrative Assistant I, Art
Terry, Vickie Administrative Assistant II, Alabama Traffic Safety Center
Thomas, James Frederick Materials Assistant, AMSTI, Inservice Center
Thomas, John W. Painter II, Physical Plant
Thomas, Kira Acting Assistant Director, University Relations
Thomas, Veronica Lynn Inventory Control Assistant, Central Receiving
Thompson, Jennifer Davis Administrative Assistant III, Dean’s Office, Michael E. Stephens College of Business
Thrash, Jason Police Officer, Public Safety
Tilley, Ashley AMSTI Grades 3-5 Math/Science Specialist, AMSTI
Towles, Jennifer Elementary Math/Science Specialist, AMSTI, Inservice Center
Van Atta, Gary Head Coach, Women’s Basketball, Athletics
Vanover, Lindsay Head Coach, Softball, Athletics
Velarde, Angela M. Police Officer, Public Safety
Wagner, John Groundskeeper, Physical Plant
Waldrop, Meredith Coordinator of Enrollment Services, Enrollment Management
Walker, Ian D. Carpenter I, Physical Plant
Walker, Ona D. Assistant Supervisor, Customer Service, Physical Plant
Walls, Landon Supervisor, Custodial Services, Physical Plant
Ward, Judith W. Professional Development Coordinator, AMSTI, Inservice Center
Watkins, Erin Administrative Assistant II, Music
Watts, Nicole Career Counselor, Career Center
White, Leslie Scott Special Equipment Operator, Physical Plant
Whittington, Lisa Field/Clinical Experience Data Specialist, College of Education
Williams, Dwight Groundskeeper, Physical Plant
Williams, Latoya M. Head Coach, Competitive Cheer
Williams, Lindsey Regional Recruiter, Admissions
*Williams, Russell* Piano Tuner and Technician, Music  
Williamson, Brooke Counselor, Counseling Center  
Willingham, Karen Coordinator of Student Affairs and Enrollment Management, Student Affairs  
Wilson, Rita E. Custodian II, Physical Plant  
Wood, Maureen Assistant Athletic Trainer, Athletics  
Wyatt, Connie Program Assistant, Teacher Education Services, College of Education  
Wyman, Jacob Assistant Women’s Soccer Coach, Athletics  
Yancey, Sandra K. Biology Specialist, ASIM, Inservice Center  
Yeager, Bryan Admissions Counselor, Admissions  
Young, Danny Head Coach, Men’s Basketball, Athletics  
Young, Jah’zmín M. Job Development and Experiential Learning Specialist, Counseling Center  
Young, LaVenta Central Receiving, Physical Plant  
Young, Sabrina Assignment Coordinator, Housing and Residence Life

*denotes part-time
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Fadhil Al-Lami, Ph.D., Professor of Biology
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Shari Boruvka, M.M., Associate Professor of Music
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Phyllis Davis, Senior Records Assistant II
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Benjamin D. Middaugh, D.M., Professor of Music
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Louise B. Owens, Senior Departmental Secretary, Carmichael Library
Maria Parker, B.S., Director of Student Financial Services
Brenda Pate, Human Resources Assistant
Myra Jean Patterson, Office Manager, Student Support Services
Anthony Pattin, D.M.A., Professor of Music
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Clifton Pearson, Ed.D., Professor of Art
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Frank E. Ryerson III, Ph.D., Associate Professor of Business
Albert G. "Bubba" Sanders, Sergeant, Public Safety
Ann Sauers, M.S., Biology Specialist
Willard H. Sawyer, Plant Operator, Physical Plant
James Scott, Facilities Maintenance
Patsy Sears, M.L.S., Associate Professor and Reference Librarian and Coordinator of Interlibrary Loans
Wayne C. Seelbach, Ph.D., Provost and Vice President for Academic Affairs and Professor of Sociology
L. Spencer Shaw, M.M., Associate Professor of Music
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Paul Vaccaro, Ed.D., Professor of Kinesiology and Chair of the Department of Kinesiology
Hendrik Van Tuyl, Ph.D., Professor of Philosophy and Religion
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Susan Vaughn, Ph.D., Professor of Social Work and Director of the Social Work Program
Betty D. Walker, M.A.T., Director of the Child Study Center
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Glenda Weathers, Ph.D., Professor of English
Nancy B. Westfall, M.Ed., Director of Student Support Services
Mary O. Wilhoit, M.A., Associate Professor of Communication Arts
Barbara Williams, Senior Departmental Secretary, Kinesiology
Pauline C. Williams, M.L.S., Professor, Carmichael Library
Thomas Woods, Ph.D., Professor of English
William Word, Ph.D., Professor of Business and Dean of the Michael E. Stephens College of Business
Key to Campus Map

1 Stewart Student Retreat Center  
2 Art Kilns  
3 Tennis Courts  
4 Beach Volleyball Court  
5 Varsity Soccer Field  
6 Physical Plant  
7 Police Station  
8 Flowerhill (President’s home)  
9 Flowerhill Greenhouse  
10 Flowerhill Garage Apartment  
11 Robert M. McChesney Student Activity Center  
12 Peck Residence Hall  
13 Child Study Center  
14 Mass Communication Building  
15 Hill House  
16 King Family Cemetery  
17 Greenhouse/Storage  
18 New Residence Hall (unnamed)  
19 Bibb Graves Gymnasium  
20 Myrick Gymnasium  
21 Farmer Student Union Building  
22 Morgan Hall  
23 Comer Hall  
24 Harman Hall  
25 Fuller Residence Hall  
26 Lund Residence Hall  
27 Brooke Residence Hall  
28 Tutwiler Residence Hall  
29 Hanson Residence Hall  
30 Art Facility  
31 Old Scene Shop  
32 Central Utility Plant  
33 Ramsay Conference Center  
34 Peterson Hall  
35 Wallace Speech and Hearing Center  
36 Reynolds Hall  
37 Anna Irvin Dining Hall  
38 Main Residence Hall  
39 The Tower  
40 Willis Hall  
41 Bloch Hall  
42 King House  
43 Lake Gate House  
44 Golf Pro Shop  
45 Cart Barn  
46 University Barn  
47 Heavy Equipment Training Center and University Storage  
48 Golf Driving Range  
49 Johnson Baseball Field  
50 Intramural Fields  
51 Traffic Safety Center  
52 Art Annex  
53 Sims House  
54 Puryear House  
55 Meroney House  
56 Calkins House  
57 Peterson House  
58 Bearden House  
59 Davis Hall  
60 Calkins Hall  
61 Lyman House  
62 Van Tuyll House  
63 Napier Residence Hall  
64 Edythe Saylor House  
65 Jeter Hall  
66 Bowers Colonnade and Centennial Plaza  
67 Palmer Hall  
68 Carmichael Library  
69 Sharpe House  
70 P Parking

* Campus map: Matthew Orton